

## **Massachusetts Year 2004 Integrated List of Waters**

***Proposed listing of the condition of Massachusetts' waters pursuant to Sections 303(d) and 305(b) of the Clean Water Act***

Prepared by:

Division of Watershed Management  
Watershed Planning Program  
Worcester, Massachusetts



**CN: 175.0**

**Commonwealth of Massachusetts**  
**Executive Office of Environmental Affairs**  
Ellen Roy Herzfelder, Secretary  
**Massachusetts Department of Environmental Protection**  
Robert W. Gollledge Jr., Commissioner  
**Bureau of Resource Protection**  
Cynthia Giles, Assistant Commissioner  
**Division of Watershed Management**  
Glenn Haas, Director

**April, 2004**

(this page intentionally left blank)

## TABLE of CONTENTS

Introduction	2
Key Elements of the Massachusetts Water Quality Management Program	3
<i>Watershed-based Monitoring, Assessment and Implementation</i>	3
<i>The Total Maximum Daily Load (TMDL) Program</i>	4
<i>The Wastewater Discharge Permitting and Stormwater Program</i>	4
<i>The Water-withdrawal Permitting Program</i>	6
<i>The Nonpoint Source Program</i>	6
<i>The State Revolving Fund (SRF) Program</i>	8
The Massachusetts Surface Water Quality Standards	9
Assessment and Listing Methodology	10
<i>Sources of Information</i>	10
<i>Assessment Procedure</i>	11
<i>Individual Use Assessments</i>	12
<i>Integrated List Development</i>	18
Bibliography	24
Category 1 Waters – “Waters attaining all designated uses”	29
Category 2 Waters – “Attaining some uses; other uses not assessed”	30
Category 3 Waters – “No uses assessed”	48
Category 4a Waters – “TMDL is completed”	63
Category 4b Waters – “Waters expected to attain all designated uses in the near future”	66
Category 4c Waters – “Impairment not caused by a pollutant”	67
Category 5 Waters – “Waters requiring a TMDL”	75

## INTRODUCTION

The Federal Water Pollution Control Act of 1972 (FWPCA) and subsequent Amendments in 1977, 1981 and 1987 are collectively known as the Clean Water Act (CWA). The objective of this statute is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters. As one step toward meeting this goal each state must administer a program to monitor and assess the quality of its surface and groundwater and provide periodic status reports to the U.S. Environmental Protection Agency (EPA), the U.S. Congress, and the public. Section 305(b) of the CWA codifies the process whereby waters are evaluated with respect to their capacity to support designated uses as defined in each of the states' surface water quality standards. These uses include aquatic life support, fish and shellfish consumption, drinking water supply, and primary (e.g., swimming) and secondary (e.g., boating) contact-recreation. The 305(b) process entails assessing each of these uses for rivers, lakes and coastal waters. Where possible, causes and sources of use impairment are also identified.

Section 303(d) of the CWA and the implementing regulations at 40 CFR 130.7 require states to identify those waterbodies that are not expected to meet surface water quality standards after the implementation of technology-based controls and to prioritize and schedule them for the development of a total maximum daily load (TMDL). A TMDL establishes the maximum amount of a pollutant that may be introduced into a waterbody and still ensure attainment and maintenance of water quality standards. Furthermore, a TMDL must also allocate that acceptable pollutant load among all potential sources. The formulation of the 303(d) List includes a more rigorous public review and comment process than does reporting under section 305(b), and the final version of the list must be formally approved by the EPA.

Prior to 2002 states prepared and submitted to the EPA a biennial *Summary of Water Quality Report* in accordance with the requirements of section 305(b) and a separate section 303(d) *List of Impaired Waters*. On November 19, 2001 the EPA released guidance for the preparation of an optional *Integrated List of Waters* that would combine reporting elements of both sections 305(b) and 303(d) of the CWA. The integrated listing format allowed states to provide the status of all their assessed waters in a single multi-part list.

States choosing this option could list each water body or segment thereof in one of the following five categories:

- 1) Unimpaired and not threatened for all designated uses;
- 2) Unimpaired for some uses and not assessed for others;
- 3) Insufficient information to make assessments for any uses;
- 4) Impaired or threatened for one or more uses but not requiring the calculation of a Total Maximum Daily Load (TMDL); and
- 5) Impaired or threatened for one or more uses and requiring a TMDL.

Thus, waters listed in Category 5 would constitute the 303(d) List and, as such, were to be reviewed and approved by the EPA. The remaining four categories would be submitted in fulfillment of the requirements under section 305(b), essentially replacing the old 305(b) Report format. Massachusetts chose this new option and formulated a list in accordance with the EPA guidance. Following the required public participation process the final *Massachusetts Year 2002 Integrated List of Waters* was submitted to the EPA and was approved on October 1, 2003.

Meanwhile, even before the 2002 Integrated List was final, the EPA published *Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act (July 21, 2003)*. Using this guidance, and following the general format developed for the 2002 listing cycle, the 2004 Integrated List was compiled.

This report presents the individual categories of Massachusetts' waters for the 2004 CWA listing cycle along with pertinent supporting documentation on how the lists were derived. In accordance with the section 305(b) guidance an overview of the Massachusetts Water Quality Management Program is provided along

with a brief description of the Surface Water Quality Standards (WQS). Finally, the methodology employed for assessing and listing the waters is summarized for each of the uses designated in the WQS.

## KEY ELEMENTS OF THE MASSACHUSETTS WATER QUALITY MANAGEMENT PROGRAM

### Watershed-based Monitoring, Assessment and Implementation

Massachusetts has adopted a watershed approach to planning and implementing water resource protection activities throughout the state. The quality of Massachusetts' surface waters is influenced not only by the natural ecology, hydrology, and geomorphology of the land area they drain, but also by the mosaic of land-use patterns resulting from man's activities within their respective drainage basins or watersheds. Thus, pollutants originating at remote locations in a watershed have the capacity to adversely impact water quality for considerable distances downstream. For example, the deleterious effects of contaminants, such as suspended solids or essential plant nutrients, that are released to surface waters within the watershed, either directly from wastewater treatment facilities (point sources) or as the result of being washed off the land with stormwater (nonpoint sources), may not be fully realized until they reach sensitive waterbodies, such as lakes, impoundments or estuaries. There they contribute to habitat alteration, the proliferation of algae and other aquatic vegetation, and other water quality problems. From this, it is readily apparent that effective water quality management of the waters in Massachusetts is largely dependent upon the prevention and control of pollution throughout their watersheds. Watershed protection has become the dominant theme of many State water quality management programs and the EPA has endorsed this approach by providing financial and technical support for its implementation. The result is a comprehensive, integrated program that addresses all aspects of water resource management, such as drinking water protection and pollution abatement, and focuses more efficiently the programs of various governmental and non-governmental organizations that are charged with restoring and protecting the water resources of Massachusetts.

In 1993, the twenty-seven major watersheds and coastal drainage areas in Massachusetts were placed on a rotating five-year schedule for monitoring, assessment, TMDL development, surface water permitting and non-point source pollution control. The rotating watershed cycle allows for the synchronization of these water quality planning and management activities within each watershed. During Year 1 of the rotating basin schedule all pertinent data and information relative to water resource management are gathered and reviewed to identify data gaps and the need for additional information. This process culminates in the development of a plan for obtaining this information during Year 2. At a minimum, a Quality Assurance Project Plan (QAPP) is formulated for all environmental monitoring activities to be performed. The scope of the monitoring effort varies depending upon the resources available and the prevailing water quality issues within each watershed. Input from outside agencies and the general public is actively solicited in order to gain further insight with respect to water quality goals and use-objectives. A comprehensive overview of Massachusetts' surface water monitoring program can be found in *Massachusetts Year 2002 Integrated List of Waters, Part 1 – Context and Rationale for Assessing and Reporting the Quality of Massachusetts Surface Waters* and is also presented at <http://www.state.ma.us/dep/brp/wm/envmonit.htm>.

Results of the monitoring efforts performed in Year 2, combined with all other reliable information, constitute the basis for making water quality assessments during Year 3 of the basin cycle. Assessments are made in accordance with the requirements set forth in section 305(b) of the CWA and are published in individual watershed water quality assessment reports. These reports are a synthesis of many kinds of information pertaining to the ecological and regulatory status of the water resources in the respective watersheds. Each report presents a description of the geophysical characteristics and land uses in the watershed along with information on wastewater discharges, water withdrawals and other issues affecting water quality and ecosystem integrity. The main feature of the watershed assessment report is a summary of the current water quality data and information used to assess the status of the designated uses as defined in the Water Quality Standards. Use-attainment determinations are made for each waterbody segment for which adequate data and information are available. However, many waters remain unassessed for one or more uses in any given assessment cycle and many small and/or unnamed streams and ponds have never been monitored and assessed. Report preparation is continuing

sequentially as an integral step in the watershed management cycle. Copies of the watershed assessment reports are distributed to the EPA in partial fulfillment of the joint State-EPA Performance Partnership Agreement (PPA) as well as to other interested parties. A list of the most recent assessment report for each watershed is presented in the Bibliography. In addition, the published reports can be found at <http://www.state.ma.us/dep/brp/wm/wgassess.htm>.

Where applicable and feasible, the determination of site-specific water quality criteria, calculation of total maximum daily loads or TMDLs, and the derivation of load/wasteload allocations may be initiated during Year 4 and continued through subsequent years, as necessary. Wastewater and water withdrawal permits may also be issued at this time. Finally, priority waterbodies exhibiting nonpoint pollution problems may be selected for the implementation of Best Management Practices (BMP) Grants, education and outreach to municipalities, or other control strategies. Each of these water quality management programs are described in more detail below.

#### The Total Maximum Daily Load (TMDL) Program

Section 303(d) of the Clean Water Act and the EPA's Water Quality Planning and Management Regulations (40 CFR Part 130) require states to develop Total Maximum Daily Loads (TMDLs) for water bodies that are not meeting designated uses under technology-based controls. The TMDL process establishes the maximum allowable loading of pollutants that a waterbody can receive and still meet the WQS established for protecting public health and maintaining the designated beneficial uses of those waters. By following the TMDL process, States can establish water quality-based controls to reduce pollution from both point and nonpoint sources and restore and maintain the quality of their water resources.

The MADEP has developed a TMDL Strategy that prioritizes all 303(d)-listed waterbodies, establishes TMDLs for degraded waters, and formulates clean-up plans. The TMDL implementation requires adherence to prevailing regulations and program requirements such as those governing the NPDES permits for point source control and the stormwater management performance standards maintained by conservation commissions under the Wetlands Protection Act. Furthermore, funding priority for CWA Section 319 grants and state revolving funds (SRF) are given to watershed clean-up projects that are consistent with TMDL Program requirements.

The MADEP must develop over 1,500 TMDLs in the next ten to fifteen years. In accordance with EPA guidelines for developing those TMDLs the MADEP will allocate pollutant loads equitably to contributing point and nonpoint sources. Computer models and other forecasting tools may be utilized to evaluate and make recommendations for pollutant allocation alternatives that are feasible and cost-effective. Naturally occurring pollution and seasonal variation will be taken into consideration, and a margin of safety will be included to ensure that water quality standards are achieved. Furthermore, the MADEP, in collaboration with the EPA, is exploring options for bundling waters exhibiting similar impairments to be covered by comprehensive TMDL analyses with broader application throughout major watersheds or even state-wide. Finally, and again with the cooperation of the EPA, the MADEP is attempting to identify certain classes of water quality impairments that may be controlled more effectively through management strategies other than TMDLs. For example, mandated source reductions of toxic contaminants such as mercury, or the clean-up plans embodied in Records of Decision ("Rods") for waste sites, may provide the avenues for meeting water quality goals without the actual derivation of TMDLs. Like TMDLs, however, these management strategies will need to provide assurances that the implementation of the recommended control measures will ultimately result in the attainment of applicable water quality goals as defined by the WQS.

#### The Wastewater Discharge Permitting and Stormwater Program

All wastewater discharges to surface waters in Massachusetts are governed by permits that are issued jointly by the EPA and the MADEP in accordance with both the WQS and guidelines set forth as part of the federal NPDES Program. This system establishes levels of effluent quality that must be achieved at municipal and industrial treatment facilities to ensure that water quality standards are met in the receiving

waters. Massachusetts has not been delegated the authority to issue permits by the EPA. Therefore, the EPA retains the responsibility for the administrative aspects of the program, including drafting the discharge permits, conducting public hearings and issuing the final permit. The MADEP must provide state certification of the final draft permit prior to issuance in accordance with Section 401 of the CWA. The MADEP also is a signatory to the final permit, making it a joint permit. This process results in a final discharge permit that is valid under both federal and state law, so each permitting agency has the independent right to enforce its terms and conditions. The CWA requires that discharges satisfy both minimum technology and water quality requirements.

The MADEP's Regulatory Program undertakes enforcement actions against violators of the MADEP's regulations or those in non-compliance with discharge permit requirements. Actions that can be initiated include: notices of non-compliance; administrative orders; administrative penalties; show cause hearings; and case referrals to the State's Attorney General's Office. These regulatory activities are implemented in accordance with the Surface Water Permitting Compliance and Enforcement Strategy and will continue to be a vital component of the state's programs to ensure proper operation of municipal and industrial treatment facilities.

During the 1970's the Massachusetts Division of Water Pollution Control published river basin plans for over twenty river basins and coastal drainage areas in accordance with the requirements of Section 303(e) of the 1972 Federal Water Pollution Control Act (PL92-500). As part of this planning process, low-flow steady-state simulation models were developed for those basins where waste load allocations (WLA) were needed for the derivation of NPDES permit limits. While these models focused primarily on predicted impacts from conventional pollutants, such as biochemical oxygen demand, they provided the basis for permit limits and treatment technologies at municipal and selected industrial facilities that are still in place today.

The 1980's saw an increased emphasis on the identification and control of toxic pollutants in the aquatic environment. During this time the EPA announced the publication of 65 individual ambient water quality criteria documents for pollutants listed as toxic under Section 304(a) of the CWA. These and subsequent criteria documents were used by the MADEP to screen ambient water quality data and wastewater discharge data to provide water toxics information to the EPA in 1989 in accordance with the requirements of Section 304(l) of the CWA. Specifically, waterbodies impacted by toxic pollutants and wastewater discharges in need of "individual control strategies" for toxic pollutants were identified and prioritized for implementation. Most of these control strategies involved the issuance of NPDES permits with whole-effluent toxicity (WET) testing requirements and, in some cases, individual numerical effluent limits for toxic contaminants.

In 1990 the MADEP formally adopted the Section 304(a) criteria as part of its Surface Water Quality Standards, giving them direct regulatory impact. Also that year, the MADEP adopted a "Toxics" Policy that set minimum requirements for whole effluent toxicity testing for NPDES permits. This has resulted in a substantial toxicity database statewide.

The emphasis of the point source control program in the 1990's shifted to address inputs and effects from stormwater and nutrients on surface waters. The stormwater permitting program was initiated nationally by the EPA and initially addressed large municipal systems (greater than 100,000 population served by a municipal separate stormwater sewer system, "MS4"), a wide range of industrial activities (controlled through the EPA multi-sector general permit program) and construction activities with a disturbance of land greater than 5 acres. Those programs and permits used the "best management plan" approach rather than the specific permit conditions traditionally used in individual NPDES permits for municipal and industrial discharge sites. Facilities and construction sites were required to develop and implement stormwater management plans to control runoff, limit transport of pollutants off-site and to mitigate erosion and other habitat alterations associated with stormwater runoff.

The stormwater program expanded its scope to include small municipalities (250 cities and towns), public entities that operated "MS4" systems, including highways, parks and public entities such as colleges and prisons. The program requirements were set forth in 1999 by the EPA Storm Water Phase 2 regulations and are being implemented in over two-thirds of the municipalities in Massachusetts and several dozen

other public “MS4” systems through a general permit program. This aspect of the stormwater program was initiated in 2003.

The control of nutrient (particularly phosphorus and nitrogen) inputs to surface water has long been a challenge to the improvement of water quality. Widespread enrichment of rivers, lakes and ponds and estuaries has resulted in an aggressive approach to control nutrient inputs through source controls using evolving treatment technologies aimed at providing the “highest and best” nutrient removal at over 70 facilities across the state. The need for phosphorus loading reductions to fresh waters is reflected in increasingly low effluent limitations in NPDES permits and subsequent implementation of higher degrees of phosphorus removal at wastewater treatment facilities. Similarly, a nitrogen control strategy for coastal waters has been initiated in the southeastern portion of the state to protect sensitive coastal waters and embayments. Thus far, two publicly owned treatment works (POTW) in Massachusetts are required by the terms of their NPDES permits to limit the concentration of total nitrogen in their effluent discharges. It is anticipated that this number will increase over the next several years as TMDLs are completed for coastal embayments. In fact, the management of phosphorus and nitrogen discharges to surface waters will be the focus of the TMDL and wastewater permitting programs for the next ten to twenty years as loading analyses are conducted, TMDLs are calculated, effluent limits are derived, and nutrient reduction technologies are developed or enhanced. This approach, coupled with an aggressive program for non-point sources of nutrients, should greatly improve the water quality of surface waters across the state.

#### The Water-withdrawal Permitting Program

The Massachusetts Water Management Act (WMA), enacted in 1985, regulates all withdrawals from ground and surface water sources that exceed an average annual volume of 100,000 gallons per day (gpd). The WMA allowed all withdrawals of this magnitude that existed between 1981 and 1985 to be registered if they correctly applied by January 4, 1988. The MADEP allowed registrants to continue these historic withdrawals provided that they meter or otherwise verify their actual water use and that they report their usage annually. New withdrawal points or increased withdrawal volumes from registered points exceeding the WMA threshold of 100,000 gpd sought after 1985 are required to obtain a withdrawal permit. The application review process considers other withdrawals within the same watershed. This process includes an analysis of the potential local impacts that may result from the proposed withdrawal. Included in this local impact analysis is the identification of resources affected by water level fluctuations and a determination of acceptable groundwater levels for those resources. The impact of water withdrawals on surface water quantity and quality, as well as the effects of induced infiltration on the quality of the withdrawal water are considered as a part of the review. Permit conditions require water conservation and appropriate source operation and management measures to minimize impacts on sensitive environmental receptors, including other water users.

#### The Nonpoint Source Program

Nonpoint source (NPS) pollution results from the flow of rainfall or snow melt over and through the ground and the subsequent transport of contaminants from natural and anthropogenic sources into surface or groundwater. Atmospheric deposition, in-place sediments, and hydrological modifications are also sources of nonpoint pollution. In the past, the EPA and the States have focused water pollution abatement programs on the control of point sources through waste load allocation and NPDES permitting. Nonpoint source pollution is not as easily assessed nor controlled, for it is intricately linked with the use of the land, and land-use decisions are made at the local level. For this reason Federal and State efforts are aimed at educating local officials and the public at large with respect to the importance of land-use planning and zoning, the use of best management practices (BMPs) to control stormwater, and other measures for preventing nonpoint pollution. Critical to the success of this approach is the establishment of partnerships between all of the parties that have an interest in the process. By bringing these parties together problems are identified and prioritized and innovative solutions are developed. Moreover, the watershed represents a logical planning unit in which to focus this effort.

While the relationship between land use and water quality in the watershed is generally recognized, scientifically valid approaches to identifying and quantifying nonpoint pollution sources and predicting the



results of proposed control measures on downstream water quality are not well developed. Nonetheless, several watershed-scale models have been developed in recent years that can be used as screening tools for predicting nonpoint pollution loading from storm events based on a knowledge of land-use characteristics. These screening procedures require little input data or calibration and verification and, consequently, output is not highly accurate. Nonetheless, they can be used to make relative comparisons between subwatersheds and to highlight areas for more intensive data gathering and modeling efforts. It is anticipated that the control of nonpoint pollution will be an iterative process whereby the implementation of BMPs will be followed by monitoring to measure their effectiveness and to identify needs for further load reductions.

The Nonpoint Source Management Plan was originally developed by the MADEP in 1988 pursuant to Section 319 of the CWA. This plan, updated in 1994 and 1999, sets forth an integrated strategy for the prevention, control, and reduction of pollution from nonpoint sources in an effort to protect and improve the quality of the waters of the Commonwealth and serves as a framework on which the changes to the State Revolving Fund (SRF) regulations are built.

The Massachusetts Nonpoint Source Management Plan has been restructured and upgraded. In place of the customary two-volume plan there is now a four-volume plan, which includes the following components.

Volume I - Strategic Summary of the Massachusetts Nonpoint Source Management Plan. This document binds together all of the action strategies of the Management Plan into a cohesive yet compact report.

Volume II - The Nonpoint Source Program and The Massachusetts Watershed Initiative. This is the traditional Volume I of the Management Plan.

Volume III - The State-Wide Plan and Its Goals. This is the traditional Volume II of the Management Plan.

Volume IV - Nonpoint Source Watershed Action Strategies. This volume will include the NPS Action Strategies for all 27 watersheds as developed by the NPS regional coordinators.

Each year the Congress appropriates funds under Section 319 to assist the states with the implementation of their approved Nonpoint Source Management Plans. Implementation activities include regulatory enforcement, technical assistance, education, training, technology transfer, watershed restoration, and demonstration projects. Only those implementation strategies identified in the Management Plan are eligible for federal funding.

As stated above, the state Nonpoint Source Management Plan is implemented on a prioritized watershed basis. This pertains to the core Nonpoint Source Program funded under Section 319 of the CWA. Not all of the ancillary state programs that address nonpoint source pollution are similarly focused. Nevertheless, the MADEP promotes the use of a watershed approach by other state agencies and public entities in the implementation of the Nonpoint Source Management Plan.

The enactment by Congress of the 1990 amendments to the Coastal Zone Act (CZARA) has significant implications for the Massachusetts Nonpoint Management Plan. Section 6217 of CZARA includes the requirements and specifications for the development of state coastal nonpoint source management plans in accordance with program guidance from the National Oceanographic and Atmospheric Administration (NOAA) and technical guidance from the EPA. The technical guidance contains requirements, or management measures, for nonpoint source controls that state programs must ensure will be implemented in an enforceable manner. The coastal management plans must assess the enforceability and effectiveness of existing programs for controlling nonpoint source pollution and propose changes to correct gaps in legislative or regulatory authorities for addressing nonpoint source pollution. In Massachusetts, the MADEP and the Massachusetts Office of Coastal Zone Management (MCZM) have agreed that the coastal nonpoint pollution control program will be an integral part of the comprehensive state Nonpoint Source Management Plan. The provisions of the coastal plan will thus be implemented statewide to maintain consistency of purpose and applicability of nonpoint source management strategies. This agreement has been formalized in a Memorandum of Understanding, which establishes a working relationship between the

two agencies and clarifies their roles with regard to the development and implementation of the Coastal Nonpoint Pollution Control Plan. The Massachusetts Coastal Nonpoint Source Program is one of only a handful of such programs nationwide that have received conditional approval.

The MADEP and the MCZM collaborated on a Stormwater Management Policy. In addition to existing control mechanism guidance, the policy provides performance - based standards and the tools necessary to undertake a stormwater control program. The policy, directed at Conservation Commissions, Planning Boards and developers, was issued in November 1996 followed by publication of a two-volume handbook in March, 1997. Further, the EPA/MADEP (joint permits) Phase II Stormwater Program will help abate many of the municipal nonpoint sources of pollution presently impacting waters of the Commonwealth. The MCZM administers the Coastal Pollutant Remediation (CPR) Program, a grant initiative to municipalities within the Massachusetts Coastal Watershed for projects to remediate stormwater from roadways and for marine pump-out facilities. Funded through the Commonwealth's transportation bond, the CPR Program hopes to achieve the following goals: 1) to remediate known stormwater discharges that are impacting on natural resources and human uses (e.g., shellfish, fish habitat, swimming beaches), 2) to gather data in areas of suspected water quality problems, where stormwater is the expected source, but where there are no data to confirm the problem, 3) to demonstrate new technologies in Massachusetts, and 4) to measure the long-term performance of a variety of traditional and new stormwater technologies.

In August, 1996 the Rivers Protection Act passed the state legislature. This new law creates protected riverfront areas, that extend 200 feet on both sides of rivers and streams and imposes restrictions on any development within those areas. In densely populated areas the riverfront area is reduced to 25 feet. Developers will have to show that their proposed projects would have no adverse impacts on the riverfront areas and that there is no practicable alternative for development. The enactment of this law and the issuance of the stormwater policy are anticipated to be major milestones in curbing nonpoint source pollution. Regulations promulgated under the Rivers Protection Act took effect on October 1997.

#### The State Revolving Fund (SRF) Program

The MADEP's Division of Municipal Services houses the State Revolving Fund (SRF) loan programs, which finance water and wastewater infrastructure projects, as well as water resources planning. Financing, in the form of state-subsidized loans to local governmental units, has been a principal avenue through which substantial restoration of Massachusetts' surface waters has been accomplished. Since its inception in 1987, the Clean Water SRF program has provided over \$2 billion for the construction of new or upgraded wastewater treatment facilities and construction or replacement of sewer system components, including pump stations, force main sewers, etc.

The Division develops an Intended Use Plan for projects based on a ranking system that promotes watershed-based planning and solutions. The list is published and widely distributed, in print and electronic format, in advance of a Public Comment period and a Public Hearing. Major SRF investment currently goes toward projects such as Boston Harbor, Connecticut River, and Merrimack River CSO mitigation. In addition, considerable funding is going toward nonpoint pollution control projects including failing septic systems. The MADEP has revised its SRF regulations to provide municipalities with financial assistance for the correction of nonpoint source pollution consistent with the Nonpoint Source Management Plan. New and expanded sewer systems and stormwater management planning continue to receive support.

The demand for funds outstrips their availability, thus creating a backlog of eligible projects and extending the time for abatement programs to be completed. The CWA authorized funds to be allocated to states through annual capitalization grants, distributed by the states as state revolving funds. These funds, when used with the mandatory 20 percent state match, are then made available as 2% loans to municipalities to help finance critical water pollution abatement projects. Massachusetts has used \$2 billion in loans since the inception of the SRF, yet there remains over \$4 billion in unfunded wastewater needs and the ultimate success of the program will require continued expenditure of significant funds over the next decade and beyond. Combined sewer overflow mitigation comprises a significant portion of this need. Another significant investment will be to upgrade and rehabilitate wastewater treatment facilities. Many of these

plants were constructed in the early aftermath of enactment of the CWA, using funding from the Construction Grants Program, the precursor to the SRF. As these facilities have begun to reach the end of their design life and because nutrient removal is often a NPDES requirement, the cost to rehabilitate them will be substantial. Finally, the 1997 revisions to the SRF regulations made it possible for municipalities to borrow money to complete comprehensive assessment activities, and to fund the implementation of nonpoint source “best management practices” (BMP), as well as traditional point source water pollution control projects.

## THE MASSACHUSETTS SURFACE WATER QUALITY STANDARDS

The establishment of achievable goals for surface waters is fundamental to their restoration and protection. To this end, states adopt surface water quality standards that ascribe these goals in the form of beneficial uses that are assigned to specific defined waterbodies. For example, waters may be designated for the support of aquatic life, recreational use, and fish and shellfish consumption. The standards also specify criteria that waterbodies must meet in order to support their assigned uses. Criteria may be expressed as numerical values that should not be exceeded in ambient water, such as a mean coliform bacteria count of 200 colonies per 100 ml, or a minimum instream dissolved oxygen concentration of 5 mg/l. Alternatively, water quality standards may include narrative statements that waters shall be free from constituents in concentrations that would impair their intended uses.

Whether numerical or narrative in form, criteria must be closely related to the uses that they are intended to protect. The bacterial content of waters designated for recreational purposes, for example, must be specified at a level low enough to minimize the risk of water-borne diseases to humans who come into contact with those waters. Likewise, standards for metals or other potentially harmful constituents must be set at concentrations below levels that could be toxic to humans or other organisms living in or on the water.

As previously noted, the derivation of criteria that must be met to attain various water uses is a scientific process aimed at determining safe or acceptable levels of water constituents. The establishment of goals in the form of use assignments to individual waterbodies, on the other hand, is a policy decision that must take into account the existing and pre-existing conditions of those waters, as well as the costs and benefits of achieving the uses. Thus, the adoption of water quality standards is a public process and the CWA specifies that states hold public hearings at least once every three years to review and, where appropriate, revise their surface water quality standards.

The Massachusetts Surface Water Quality Standards (WQS), found at 314 CMR 4.00 and last published in 1996, assign all inland and coastal and marine waters to classes according to the intended beneficial uses of those waters. For example, Class A waters are designated as the source of public water supplies and, where compatible with this use, should also be suitable for supporting aquatic life, recreational uses such as swimming and boating, and fish consumption. Class B waters are not water supplies, but are designated for all of the other uses cited above for Class A. Finally, Class C waters should be suitable for aquatic life and recreational uses where contact with the water is incidental, such as boating and fishing, but may not be suitable for swimming, diving, or water skiing. Inland waters are also subcategorized as to fishery type (“cold water fishery”, “warm water fishery” or “aquatic life”) based on the waterbody’s natural capacity to support these resources. Massachusetts’ coastal and marine waters are assigned to classes (i.e., SA, SB and SC) that distinguish shellfish harvesting and recreational uses while providing suitable habitat for wildlife, fish and other aquatic life. In any case, minimum criteria (e.g., dissolved oxygen, temperature, etc.) are specified for each class based on the most sensitive use designated to that class. Additional criteria that apply to all surface waters are also included in the WQS.

Some waters are designated for special protection under the antidegradation provisions of the WQS. These provisions restrict or prohibit the authorization of wastewater discharges to critical resource waters. Most notable is the “Outstanding Resource Water” (ORW) designation that applies to all Class A waters and certain Class B, Class SA and Class SB waters. These waters exhibit exceptional socio-economic, recreational, ecological and/or aesthetic qualities. The MADEP published a comprehensive listing of ORWs

in 1993 and, again, in 1995. Outstanding Resource Waters include, but are not limited to, Class A public water supplies and their bordering vegetated wetlands and vernal pools certified as such by the Massachusetts Division of Fish and Game (formerly the Division of Fisheries and Wildlife). Other waters designated as ORWs may include those protected by special legislation, as well as selected waters found in National Parks, State Forest and Parks, or Areas of Critical Environmental Concern (ACECs).

From this brief overview it should be evident that the process of assessing surface waters (305b) and listing impairments (303d) is inextricably linked to the Surface Water Quality Standards, as they define the uses that are to be evaluated for any given waterbody. In addition, the accompanying criteria provide the basis for determining whether or not the designated uses are, in fact, supported.

## ASSESSMENT AND LISTING METHODOLOGY

### Sources of Information

Reliable scientific data and technical information are essential for making water use assessments. It is EPA policy (EPA Order 5360.1 CHG 1) that any organization performing work for or on behalf of the EPA must establish a quality system to support the development, review, approval, implementation, and assessment of data collection operations. To this end, the MADEP describes its Quality System in an EPA-approved Quality Management Plan to ensure that environmental data are of known and documented quality and are suitable for their intended use. The MADEP will accept and review data and information pertaining to the quality of Massachusetts waters from any and all sources. However, for external sources of information intended to be used for regulatory purposes the MADEP requires the following: 1) an appropriate Quality Assurance Project Plan including a laboratory Quality Assurance/Quality Control (QA/QC) plan, 2) use of a state certified lab (certified for the applicable analyses), 3) data management QA/QC are described, and 4) the information be documented in a citable report that includes QA/QC analyses.

Specific sources of information used for assessments can be found in individual watershed reports. They include monitoring data reports from state and federal agencies and nongovernmental organizations (NGO), as well as reports on projects resulting from state or local grants or federally funded through sections 314, 319, 104, or 604(b) of the CWA.

Section 314 of the CWA provided for cooperative agreements between federal, state and local entities to restore publicly owned freshwater lakes and ponds and protect them against degradation. During the late 1970s through the early 1990s diagnostic and feasibility (D&F) studies were completed for several lakes and ponds throughout Massachusetts and these were used in earlier 305(b) assessments and 303(d) listing decisions. Information from these studies continues to carry over into new assessment and listing cycles unless new monitoring information results in a change in their assessment and listing status. Likewise, information contained in the nonpoint source assessment report prepared in 1989 in accordance with the requirements of section 319 is also reflected in 305(b) and 303(d) reporting elements unless more recent information has resulted in a modification of the original assessment.

The following generic list provides sources that are typically consulted when making watershed assessments. Note, however, that this list is not complete and individual watershed assessment reports should be consulted for specific lists of references.

#### *State Agencies*

MADFWELE, Division of Marine Fisheries  
MADFWELE, Division of Fisheries and Wildlife  
MADEP, Water Supply Program  
MADEP, Wetlands and Waterways Program  
MADEP, Watershed Permitting Program  
MADEP, Wastewater Management Program

Massachusetts Coastal Zone Management (CZM)  
Massachusetts Department of Environmental Management (DEM)  
Massachusetts Department of Public Health (DPH)  
Metropolitan District Commission (MDC)  
Massachusetts Water Resources Authority (MWRA)

*Federal Agencies*

U.S. Geological Survey  
U.S. Environmental Protection Agency  
U.S. Fish and Wildlife Service  
U.S. Army Corps of Engineers  
National Oceanographic and Atmospheric Administration

*Private Consulting Firms*

Municipal Facilities Plans  
Massachusetts Clean Lakes Program "Chapter 628" projects (70 lakes)  
Service Contract for Toxicity Testing

*Other Sources*

Woods Hole Oceanographic Institute  
Water Resources Research Center  
Massachusetts Institute for Social and Economic Research  
Boston Harbor Symposium Abstracts  
Colleges, Universities and associated academic institutions  
Watershed and lake associations (citizen monitoring programs)  
Municipal Conservation Commissions (nonpoint source assessment)  
Municipal and Industrial NPDES Permit Monitoring Requirements

Assessment Procedure

The CWA Section 305(b) water quality reporting process, embodied in the MADEP watershed assessment reports and the Integrated List, is an essential aspect of the Nation's water pollution control effort. It is the principal means by which EPA, Congress, and the public evaluate existing water quality, assess progress made in maintaining and restoring water quality, and determine the extent of remaining problems. In so doing, the States report on waterbodies within the context of meeting their designated uses. These uses include: *Aquatic Life, Fish Consumption, Drinking Water, Primary Contact Recreation, Secondary Contact Recreation, Shellfish Harvesting and Aesthetics*. Two subclasses of Aquatic Life that are also designated in the standards are Cold Water Fishery (capable of sustaining a year-round population of cold water aquatic life, such as trout), and Warm Water Fishery (waters that are not capable of sustaining a year-round population of cold water aquatic life).

As stated earlier, the WQS prescribe minimum water quality criteria to sustain the designated uses. Furthermore, these standards describe the hydrological conditions at which water quality criteria must be applied. In rivers, the lowest flow conditions at and above which aquatic life criteria must be applied are the lowest mean flow for seven consecutive days to be expected once in ten years (7Q10). In artificially regulated waters, the lowest flow conditions at which aquatic life criteria must be applied are the flow equal or exceeded 99% of the time on a yearly basis or another equivalent flow. In coastal and marine waters and for lakes the most severe hydrological condition to which the aquatic life criteria must be applied shall be determined by the MADEP on a case-by-case basis.

The determination of whether or not a waterbody supports each of its designated uses is a function of the type(s), quality and quantity of available current information. Although data/information older than five years are usually considered "historical" and used for descriptive purposes, they can be utilized in the use

attainment determination provided they are known to reflect the current conditions. While the water quality standards prescribe minimum water quality criteria to sustain the designated uses, numerical criteria are not available for every indicator of pollution. Best available guidance in the literature may be applied in lieu of actual numerical criteria. Excursions from criteria due solely to “naturally occurring” conditions do not constitute violations of the WQS.

Each designated use within a given segment is individually assessed as **support** or **impaired**. When too little current data/information exists or no reliable data are available, the use is **not assessed**. It is important to note that not all waters are assessed. Many small and/or unnamed ponds, rivers, and estuaries are currently **unassessed**; the status of their designated uses has never been reported to the EPA in Massachusetts 305(b) reports or in the Integrated List. Details pertaining to the assessment of each use is presented below.

### Individual Use Assessments

The Massachusetts Surface Water Quality Standards designate the most sensitive uses for which the surface waters of the Commonwealth shall be enhanced, maintained and protected. The guidance used to assess the *Aquatic Life*, *Fish Consumption*, *Drinking Water*, *Shellfish Harvesting*, *Primary Contact Recreation*, *Secondary Contact Recreation* and *Aesthetics Uses* is presented below. Literature cited in the summary boxes for each use can be found under “References for Individual Use Assessments” in the Bibliography.

#### *Aquatic Life Use*

Waters designated for this use must provide suitable habitat for sustaining a native, naturally diverse community of aquatic flora and fauna. Two subclasses of aquatic life are also designated in the standards for freshwater bodies: *Cold Water Fishery* - capable of sustaining a year-round population of cold water aquatic life, such as trout; *Warm Water Fishery* - waters that are not capable of sustaining a year-round population of cold water aquatic life.

Biological (including habitat evaluations), toxicological and chemical data may all be utilized to assess this use. However, the nature, frequency and precision of the MADEP’s data collection techniques dictate that a “weight of evidence” approach be used to complete the assessment with biomonitoring results used as the final arbiter of borderline cases.

The chart on the next page provides an overview of the guidance used to assess the status (support or impaired) of the *aquatic life use*.

## AQUATIC LIFE USE

VARIABLE	<b>Support</b> – Data available clearly indicates support or minor modification of the biological community. Excursions from chemical criteria not frequent or prolonged and may be tolerated if the biosurvey results demonstrate support.	<b>Impaired</b> – There are frequent or severe violations of chemical criteria, presence of acute toxicity, or a moderate or severe modification of the biological community.
<b>BIOLOGY</b>		
Rapid Bioassessment Protocol (RBP) III*	Non/Slightly impacted	Moderately or Severely Impacted
Fish Community	Best Professional Judgment (BPJ)	BPJ
Habitat and Flow	BPJ	Dewatered streambed due to artificial regulation or channel alteration, BPJ
Eelgrass Bed Habitat (Howes et al. 2002)	No/minimal loss, BPJ	Moderate/severe loss, BPJ
Macrophytes	BPJ	Exotic species present, BPJ
Plankton/ Periphyton	No/infrequent algal blooms	Frequent and/or prolonged algal blooms
<b>TOXICITY TESTS**</b>		
Water Column/Ambient	≥75% survival either 48 hr or 7-day exposure	<75% survival either 48 hr or 7-day exposure
Sediment	≥75% survival	<75% survival
<b>CHEMISTRY-WATER**</b>		
Dissolved oxygen (DO)/percent saturation (MADEP 1996, EPA 1997)	Infrequent excursion from criteria, BPJ (minimum of three samples representing critical period)	Frequent and/or prolonged excursion from criteria [river and shallow lakes: exceedances >10% of measurements; deep lakes (with hypolimnion): exceedances in the hypolimnetic area >10% of the surface area].
pH (MA DEP 1996, EPA 19 November 1999)	Infrequent excursion from criteria	Criteria exceeded >10% of measurements.
Temperature (MADEP 1996, EPA 1997)	Infrequent excursion from criteria <sup>1</sup>	Criteria exceeded >10% of measurements.
Toxic Pollutants (MADEP 1996, EPA 19 November 1999)	Infrequent excursion from criteria	Frequent and/or prolonged excursion from criteria (exceeded >10% of measurements).
Ammonia-N (MADEP 1996, EPA 1999)	Ammonia is pH and temperature dependent <sup>2</sup>	
Chlorine (MADEP 1996, EPA 19 November 1999)	0.011 mg/L (freshwater) or 0.0075 mg/L (saltwater) total residual chlorine (TRC) <sup>3</sup>	
<b>CHEMISTRY-SEDIMENT**</b>		
Toxic Pollutants (Persaud et al. 1993)	Concentrations ≤ Low Effect Level (L-EL), BPJ	Concentrations ≥ Severe Effect Level (S-EL) <sup>4</sup> , BPJ
<b>CHEMISTRY-TISSUE</b>		
PCB – whole fish (Coles 1998)	≤500 µg/kg wet weight	BPJ
DDT (Environment Canada 04 November 1999)	≤14.0 µg/kg wet weight	BPJ
PCB in aquatic tissue (Environment Canada 04 November 1999)	≤0.79 ng TEQ/kg wet weight	BPJ

\*RBP II analysis may be considered for assessment decision on a case-by-case basis, \*\*For identification of impairment, one or more of the following variables may be used to identify possible causes/sources of impairment: NPDES facility compliance with whole effluent toxicity test and other limits, turbidity and suspended solids data, nutrient (nitrogen and phosphorus) data for water column/sediments. <sup>1</sup>Maximum daily mean T in a month (minimum six measurements evenly distributed over 24-hours) less than criterion. <sup>2</sup>Saltwater is temperature dependent only. <sup>3</sup>The minimum quantification level for TRC is 0.05 mg/L. <sup>4</sup>For the purpose of this report, the S-EL for total polychlorinated biphenyl compounds (PCB) in sediment (which varies with Total Organic Carbon (TOC) content) with 1% TOC is 5.3 ppm while a sediment sample with 10% TOC is 53 ppm.

Note: National Academy of Sciences/National Academy of Engineering (NAS/NAE) guideline for maximum organochlorine concentrations (i.e., total PCB) in fish tissue for the protection of fish-eating wildlife is 500µg/kg wet weight (ppb, not lipid-normalized). PCB data (tissue) in this report are presented in µg/kg wet weight (ppb) and are not lipid-normalized to allow for direct comparison to the NAS/NAE guideline.

### *Fish Consumption Use*

Pollutants shall not result in unacceptable concentrations in edible portions of marketable fish or for the recreational use of fish, other aquatic life or wildlife for human consumption. The assessment of this use is made using the most recent list of Fish Consumption Advisories issued by the Massachusetts Executive Office of Health and Human Services, Department of Public Health (MDPH), Bureau of Environmental Health Assessment. The MDPH list identifies waterbodies where elevated levels of a specified contaminant in edible portions of freshwater species poses a health risk for human consumption. Hence, the Fish Consumption Use is assessed as non-support in these waters. A list of all MDPH site-specific fish consumption advisories currently in force can be found on their website at <http://www.state.ma.us/dph/beha/fishlist.htm>.

In July 2001, the MDPH issued new consumer advisories on fish consumption and mercury contamination. The MDPH "...is advising pregnant women, women of childbearing age who may become pregnant, nursing mothers and children under 12 years of age to refrain from eating the following marine fish: shark, swordfish, king mackerel, tuna steak and tilefish. In addition, the MDPH is expanding its previously issued statewide fish consumption advisory which cautioned pregnant women to avoid eating fish from all freshwater bodies due to concerns about mercury contamination, to now include women of childbearing age who may become pregnant, nursing mothers and children under 12 years of age."

Additionally, the MDPH "...is recommending that pregnant women, women of childbearing age who may become pregnant, nursing mothers and children under 12 years of age limit their consumption of fish not covered by existing advisories to no more than 12 ounces (or about 2 meals) of cooked or uncooked fish per week. This recommendation includes canned tuna, the consumption of which should be limited to 2 cans per week. Very small children, including toddlers, should eat less. Consumers may wish to choose to eat light tuna rather than white or chunk white tuna, the latter of which may have higher levels of mercury."

Other statewide advisories that the MDPH has previously issued and are still in effect are as follows:

1. Due to concerns about chemical contamination, primarily from polychlorinated biphenyl compounds (PCB) and other contaminants, no individual should consume lobster tomalley from any source. Lobster tomalley is the soft green substance found in the tail and body section of the lobster.
2. Pregnant and breastfeeding women and those who are considering becoming pregnant should not eat bluefish due to concerns about PCB contamination in this species.

The MDPH statewide advisory does not include fish stocked by the state Division of Fisheries and Wildlife or farm-raised fish sold commercially. Because of the statewide advisory, however, no waters can be assessed as support for the *fish consumption use*. Therefore, if no site-specific advisory is in place, the fish consumption use is not assessed. The following is an overview of the guidance used to assess the status (support or impaired) of the *fish consumption use*.

<b>Variable</b>	<b>Support</b> – No restrictions or bans in effect	<b>Impaired</b> – There is a "no consumption" advisory or ban in effect for the general population or a sub-population for one or more fish species or there is a commercial fishing ban in effect
MDPH Fish Consumption Advisory List (MDPH 2002a, MDPH 2001)	Not applicable, precluded by statewide advisory (Hg)	Waterbody on MDPH Fish Consumption Advisory List



### *Drinking Water Use*

The term *Drinking Water Use* denotes those waters used as a source of public drinking water. These waters may be subject to more stringent regulation in accordance with the Massachusetts Drinking Water Regulations (310 CMR 22.00). They are designated for protection as Outstanding Resource Waters in 314 CMR 4.04(3). The MADEP Drinking Water Program (DWP) has primacy for implementing the provisions of the federal Safe Drinking Water Act (SDWA). Except for suppliers with surface water sources for which a waiver from filtration has been granted (these systems also monitor surface water quality) all public drinking water supplies are monitored as finished water (tap water). Monitoring includes the major categories of contaminants established in the SDWA: bacteria, volatile and synthetic organic compounds, inorganic compounds and radionuclides. The DWP maintains current drinking supply monitoring data. The status of the supplies is currently reported to MADEP and the EPA by the suppliers on an annual basis in the form of a consumer confidence report (<http://yosemite.epa.gov/ogwdw/ccr.nsf/Massachusetts>). Below is EPA's guidance to assess the status (support or impaired) of the drinking water use.

<b>Variable</b>	<b>Support</b> – No closures or advisories (no contaminants with confirmed exceedances of maximum contaminant levels, conventional treatment is adequate to maintain the supply).	<b>Impaired</b> – Has one or more advisories or more than conventional treatment is required or has a contamination-based closure of the water supply.
Drinking Water Program (DWP) Evaluation	See note below	See note below

Note: While this use is not assessed in individual watershed assessment reports, information on drinking water source protection and finish water quality is available from individual municipal water suppliers.

Section 1453 of the SDWA requires each state to develop a comprehensive Source Water Assessment Program (SWAP) that will result in assessments of every public water system in the state. These assessments are to include the delineation of the areas needed to protect the drinking water source, an inventory of potential contaminant sources, and a determination of the water's susceptibility to contamination. While Massachusetts is currently implementing the provisions of section 1453, actual ambient water quality data have not been obtained and SWAP assessments were not yet available for the watershed assessments supporting the 2004 Integrated List. The MADEP anticipates using this information in future assessments as it becomes available.

### *Shellfish Harvesting Use*

This use is assessed using information from the Department of Fisheries, Wildlife and Environmental Law Enforcement's Division of Marine Fisheries (DMF). A designated shellfish growing area is an area of potential shellfish habitat. Growing areas are managed with respect to shellfish harvest for direct human consumption and comprise at least one or more classification areas. The classification areas are the management units, which range from being approved to prohibited (described below) with respect to shellfish harvest. Shellfish areas under management closures are *not assessed*. Not enough testing has been done in these areas to determine whether or not they are fit for shellfish harvest, so they are closed for the harvest of shellfish.

<b>Variable</b>	<b>Support –</b> SA Waters—Approved <sup>1</sup> SB Waters— Approved <sup>1</sup> , Conditionally Approved <sup>2</sup> or Restricted <sup>3</sup>	<b>Impaired –</b> SA Waters— Conditionally Approved <sup>2</sup> , Restricted <sup>3</sup> , Conditionally Restricted <sup>4</sup> , or Prohibited <sup>5</sup> SB Waters—Conditionally Restricted <sup>4</sup> or Prohibited <sup>5</sup>
DMF Shellfish Project Classification Area Information (DFWELE 2000)	Reported by DMF	Reported by DMF

NOTE: Designated shellfish growing areas may be viewed using the MassGIS datalayer available from MassGIS at <http://www.state.ma.us/mgis/dsga.htm>. This coverage currently reflects classification areas as of July 1, 2000.

<sup>1</sup> **Approved** - "...open for harvest of shellfish for direct human consumption subject to local rules and regulations..." An approved area is open all the time and closes only due to hurricanes or other major coastwide events.

<sup>2</sup> **Conditionally Approved** - "...subject to intermittent microbiological pollution..." During the time the area is open, it is "...for harvest of shellfish for direct human consumption subject to local rules and regulations..." A conditionally approved area is closed some of the time due to runoff from rainfall or seasonally poor water quality. When open, shellfish harvested are treated as from an approved area.

<sup>3</sup> **Restricted** - area contains a "limited degree of pollution." It is open for "harvest of shellfish with depuration subject to local rules and state regulations" or for the relay of shellfish. A restricted area is used by DMF for the relay of shellfish to a less contaminated area.

<sup>4</sup> **Conditionally Restricted** - "...subject to intermittent microbiological pollution..." During the time area is restricted, it is only open for "the harvest of shellfish with depuration subject to local rules and state regulations." A conditionally restricted area is closed some of the time due to runoff from rainfall or seasonally poor water quality. When open, only soft-shell clams may be harvested by specially licensed diggers (Master/Subordinate Diggers) and transported to the DMF Shellfish Purification Plant for depuration (purification).

<sup>5</sup> **Prohibited** - Closed for harvest of shellfish.

#### *Primary Contact Recreational Use*

This use is suitable for any recreational or other water use in which there is prolonged and intimate contact with the water with a significant risk of ingestion of water during the primary contact recreation season (1 April to 15 October). These include, but are not limited to, wading, swimming, diving, surfing and water skiing. The chart below provides an overview of the guidance used to assess the status (support or impaired) of the *primary contact recreational use*. Excursions from criteria due to natural conditions are not considered impairment of use.

<b>Variable</b>	<b>Support</b> Criteria are met, no aesthetic conditions that preclude the use	<b>Impaired</b> Frequent or prolonged violations of criteria and/or formal bathing area closures, or severe aesthetic conditions that preclude the use
Bacteria (MDPH 2002b) Minimum Standards for Bathing Beaches State Sanitary Code and MADEP 1996	At "public bathing beach" areas: Formal beach postings/advisories neither frequent nor prolonged during the swimming season (the number of days posted or closed cannot exceed 10% during the locally operated swimming season).  Other waters: Samples* collected during the primary contact season must meet criteria.  Shellfish Growing Area classified as "Approved" by DMF.	At "public bathing beach" areas: Formal beach closures/postings >10% of time during swimming season (the number of days posted or closed exceeds 10% during the locally operated swimming season).  Other waters: Samples* collected during the primary contact season do not meet the criteria.

Aesthetics (MADEP 1996) - <i>All surface waters shall be free from pollutants in concentrations or combinations that settle to form objectionable deposits; float as debris, scum or other matter to form nuisances; produce objectionable odor, color, taste or turbidity; or produce undesirable or nuisance [growth or amount] species of aquatic life</i>		
Odor, oil and grease, color and turbidity, floating matter	Narrative "free from" criteria met or excursions neither frequent nor prolonged, BPJ.	Narrative "free from" criteria not met - objectionable conditions either frequent and/or prolonged, BPJ.
Transparency (MDPH 1969)	Public bathing beach and lakes – Secchi disk depth $\geq 1.2$ meters ( $\geq 4'$ ) (minimum of three samples representing critical period*).	Public bathing beach and lakes - Secchi disk depth $< 1.2$ meters ( $< 4'$ ) (minimum of three samples representing critical period*).
Nuisance organisms	No overabundant growths (i.e., blooms or dense/very dense biovolume of non-native macrophytes) that render the water aesthetically objectionable or unusable*, BPJ.	Overabundant growths (i.e., blooms or dense/very dense biovolume of non-native macrophytes) rendering the water aesthetically objectionable and/or unusable*, BPJ.

\*Data sets to be evaluated for assessment purposes must be representative of a sampling location (minimum of five samples per station recommended) over the course of the primary contact season. Samples collected on one date from multiple stations on a river are not considered adequate to assess this designated use. An impairment decision will not be based on a single sample (i.e., the geometric mean of five samples is  $< 200$  CFU/100mL but one of the five samples exceeds 400 cfu/100mL). The method detection limit (MDL) will be used in the calculation of the geometric mean when data are reported as less than the MDL (e.g., use 20 cfu/100mL if the result is reported as  $< 20$  cfu/100mL). Those data reported as too numerous to count (TNTC) will not be used in the geometric mean calculation; however frequency of TNTC sample results should be presented.

#### *Secondary Contact Recreational Use*

This use is suitable for any recreation or other water use in which contact with the water is either incidental or accidental. These include, but are not limited to, fishing, boating and limited contact incident to shoreline activities. Following is an overview of the guidance used to assess the status (support or impaired) of the *Secondary Contact Use*. Excursions from criteria due to natural conditions are not considered impairment of use.

<b>Variable</b>	<b>Support</b> Criteria are met, no aesthetic conditions that preclude the use	<b>Impaired</b> Frequent or prolonged violations of criteria, or severe aesthetic conditions that preclude the use
Fecal Coliform Bacteria (MADEP 1996)	Other waters: Samples* collected must meet the Class C or SC criteria.	Other waters: Samples* collected do not meet the Class C or SC criteria.
Aesthetics (MADEP 1996) - <i>All surface waters shall be free from pollutants in concentrations or combinations that settle to form objectionable deposits; float as debris, scum or other matter to form nuisances; produce objectionable odor, color, taste or turbidity; or produce undesirable or nuisance [growth or amount] species of aquatic life</i>		
Odor, oil and grease, color and turbidity, floating matter	Narrative "free from" criteria met or excursions neither frequent nor prolonged*, BPJ.	Narrative "free from" criteria not met - objectionable conditions either frequent and/or prolonged*, BPJ.
Nuisance organisms	No overabundant growths (i.e., blooms or dense/very dense biovolume of non-native macrophytes) that render the water aesthetically objectionable or unusable*, BPJ.	Overabundant growths (i.e., blooms or dense/very dense biovolume of non-native macrophytes) rendering the water aesthetically objectionable and/or unusable*, BPJ.

\*Data sets to be evaluated for assessment purposes must be representative of a sampling location (minimum of five samples per station recommended) over time. Waters shall not exceed a geometric mean of 1000 cfu/100 ml, nor shall 10% of the samples exceed 2000 cfu/100 ml. Samples collected on one date from multiple stations on a river are not considered adequate to assess this designated use.

## Aesthetics Use

All surface waters shall be free from pollutants in concentrations or combinations that settle to form objectionable deposits; float as debris, scum or other matter to form nuisances; produce objectionable odor, color, taste or turbidity; or produce undesirable or nuisance species of aquatic life. The aesthetic use is closely tied to the public health aspects of the recreational uses (swimming and boating). Below is an overview of the guidance used to assess the status (support or impaired) of the *aesthetics use*.

<b>Variable</b>	<b>Support</b> – Narrative “free from” criteria met	<b>Impaired</b> – Objectionable conditions frequent and/or prolonged
Aesthetics (MADEP 1996)  Visual observations	Narrative “free from” criteria met, BPJ ( $\leq 10\%$ extent of spatial and temporal degradation).	Narrative “free from” criteria not met, BPJ ( $> 10\%$ extent of spatial and temporal degradation).

## Integrated List Development

On July 21, 2004 the EPA published *Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act*. The letter of transmittal accompanying this guidance contained the following language that provided the general framework for completing the Massachusetts Integrated List for 2004:

*“EPA believes that State methodologies that account for the data collection and analysis process under a rotating basin approach can fit with the regulatory requirements to consider all existing and readily available data and information in developing Section 303(d) lists...EPA recognizes that many States substantially revamped their listing process in 2002 by developing improved methodologies and moving toward adoption of the Integrated Report. States may choose to update the 2002 Integrated Report, or Section 303(d) list and 305(b) report using data and information that have become available subsequent to the approval of the 2002 Integrated List or Section 303(d) and 305(b) report.”*

The *Massachusetts Year 2002 Integrated List of Waters* – or, to be exact, the 303(d) portion of the list – was approved by the EPA on October 1, 2003. Consistent with the EPA guidance quoted above, the 2004 Integrated List represents an update of the 2002 submittal based, primarily, on new assessments completed for the Deerfield, Millers, Ipswich, and Shawsheen watersheds and the Islands and Buzzards Bay coastal drainage areas. Changes to waters in watersheds other than these are few in number and are documented in this section. A complete list of the MADEP watershed assessments embodied in the 2004 categorization of waters can be found in the Bibliography.

## List Categories 1 - 4

Integrated List categories 1-3 include those waters that are either unimpaired or unassessed with respect to their attainment of designated uses. Often insufficient data and information exist to assess all designated uses of any particular waterbody or segment. Furthermore, no Massachusetts waters are listed in Category 1 because a state-wide health advisory pertaining to the consumption of fish precludes any waters from being in full support of the fish consumption use. Waters listed in Category 2 were found to support the uses for which they were assessed, but other uses were unassessed. Finally, Category 3 contains those waters for which insufficient or no information was available to assess any uses. Waters for which assessments were determined to be insufficient for 303(d) listing were also included in Category 3.

Waters exhibiting impairment for one or more uses are placed in either Category 4 (impaired but not requiring TMDLs) or Category 5 (impaired and requiring one or more TMDLs) according to the EPA guidance. Category 4 is further divided into three sub-categories – 4a, 4b and 4c – depending upon the reason that TMDLs are not needed. Category 4a includes waters for which the required TMDL(s) have

already been completed and approved by the EPA. However, since segments can only appear in one category, waters that have an approved TMDL for some pollutants but not others remain in Category 5 until TMDLs are approved for all of the pollutants. A list of all of the TMDLs approved by the EPA is provided in the table below. The complete report citations are presented in the Bibliography. Reference is made in list categories 4a, 4c and 5 to the applicable TMDL documents.

#### **List of TMDLs Approved by the EPA**

<b>TMDL Title</b>	<b>Approval Date</b>
Bare Hill Pond, Harvard, MA. (MA81007) TMDL	November 2, 1999
Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes	April 12, 2002
Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes	April 12, 2002
Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes	May 2, 2002
Total Maximum Daily Loads of Bacteria for Neponset River Basin	June 21, 2002
Total Maximum Daily Loads of Phosphorus for Salisbury Pond	June 28, 2002
Total Maximum Daily Loads of Phosphorus for Lake Quinsigamond and Flint Pond	June 28, 2002
Total Maximum Daily Loads of Phosphorus for Indian Lake	June 28, 2002
Total Maximum Daily Load of Phosphorus for Leesville Pond	June 28, 2002
Total Maximum Daily Loads of Phosphorus for Lake Boon	June 28, 2002
Total Maximum Daily Loads of Phosphorus for Selected French Basin Lakes	July 12, 2002
Total Maximum Daily Loads of Bacteria for Little Harbor	September 12, 2002
Total Maximum Daily Loads of Bacteria for the Shawsheen River Basin	September 12, 2002
Total Maximum Daily Loads of Phosphorus for Selected Millers Basin Lakes	February 5, 2003

Category 4b was proposed by the EPA to list waters for which other pollution control requirements are reasonably expected to result in the attainment of the designated use before the next listing cycle (i.e., 2006). Because of the uncertainty related to making predictions about conditions in the future the MADEP made a decision not to utilize Category 4b in the 2004 Integrated List.

The CWA distinguishes between “pollutants” such as nutrients, metals, pesticides, solids and pathogens that all require TMDLs and “pollution” such as low flow, habitat alterations or non-native species infestations that do not require TMDLs. Waterbodies impaired by “pollution” were included in Category 4c. The restoration of these waters will require measures other than TMDL development and implementation. Non-pollutant stressors are presented in parentheses in the Integrated List to distinguish them from pollutants requiring TMDLs.

#### *List Category 5 – The 303(d) List of Waters*

While the EPA guidance provides the overall framework for a five-part list of waters, the development, submittal, and review of Category 5 remains subject to the prevailing regulation governing the implementation of section 303(d) of the CWA. This regulation requires states to identify and list those waterbodies that are not expected to meet surface water quality standards after the implementation of technology-based controls and, as such, require the development of TMDLs. States must include on the lists

the specific pollutant(s) or stressor(s) causing the impairment (if known). Finally, guidance pertaining to section 303(d) is clear with respect to the removal of waterbodies from the list. Waterbodies or applicable segments thereof can be removed when a TMDL is approved by the EPA for that waterbody or segment (note that these waters are now listed in Category 4a). In addition, there are some instances when a previously listed waterbody can be removed from the 303(d) List without calculating a TMDL. These are: 1) when a new assessment reveals that the waterbody is now meeting all applicable water quality standards or is expected to meet those standards in a reasonable timeframe as the result of implementation of required pollution controls (Category 4b); and 2) when, upon re-examination, the original basis for listing is determined to be flawed.

In preparing 303(d) lists States are required to assemble and evaluate all existing and readily available data, including but not limited to the most recent 305(b) report and 319 nonpoint source assessment report, dilution calculations or predictive simulation models, and reports by government agencies, members of the public, or academic institutions. When preparing individual watershed assessment reports the MADEP relies on these and additional information sources as described earlier in this document. In turn, these reports provide the documentation for the assignment of each waterbody to the appropriate Integrated List category. The development of the 2004 Category 5 (i.e., 303d) list began with a review of Category 5 waters contained in the 2002 List as well as the six watershed assessment reports completed since the 2002 list was published. Previously unlisted waterbodies that were determined to be impaired for one or more uses because of pollutants (see below) were added to the 2004 303(d) list. Waters listed in Category 5 on the 2002 303(d) List, for which no new assessment has been made, are retained in Category 5 of the 2004 Integrated List.

Waters were listed in Category 5 if they were identified as impaired (i.e., not supporting one or more intended use), the impairment was related to the presence of one or more “pollutants”, and the source of those pollutants was not considered to be natural. In most instances, finding an impaired waterbody in the watershed assessment report led directly to its inclusion in Category 5. Nonetheless, some differences do exist between the assessment reports and the 303(d) list. For example, segments for which incomplete or anecdotal information suggests the possibility of use impairment are assigned “alert status” in the watershed assessment reports so that they may be targeted for monitoring and follow-up assessments during the next round of the basin cycle. However, these segments are not listed as impaired on the 303(d) list because the MADEP believes there is insufficient data to support listing decisions.

### *Biological Assessments*

The MADEP often relies on the results of biological surveys, with or without supplemental physico-chemical analyses, to determine the condition or “health” of waterbodies, particularly rivers and streams. Macroinvertebrate, fish and periphyton (i.e., attached algae) communities, often in combination, have been used to assess the extent to which waterbodies are supporting aquatic life, as designated in the Water Quality Standards. While these community assessments are invaluable for determining use impairment, they often do not provide insight pertaining to the cause or source of the apparent disturbance and, therefore, may not implicate “pollution” or “pollutants” as contributing factors. Nonetheless, the EPA guidance is clear with regard to the use of biological assessments for listing in Category 5 and in most instances the MADEP lists those waters that exhibit impaired aquatic communities.

The MADEP prefers to make aquatic life use determinations based on an assessment of more than one community, and waters exhibiting impaired fish and invertebrate communities, for example, are strong candidates for listing in Category 5. Nonetheless, an assessment based on a single community may also result in a decision that the aquatic life use is not supported. This depends, in part, on whether the assessment relies on a screening level of effort or a more intensive analysis. For example, the EPA Rapid Biomonitoring Protocol (RBP) II is a screening-level investigation that relies on benthic macroinvertebrate community data to place a given site in one of three impairment categories. Determinations of “no impairment” or “severe impairment” with the RBP II are generally considered definitive and waters in the latter category are included on the 303(d) List. However, RBP II assessments of many waterbodies fall between these extremes into a “moderately impaired” category that often lacks

the resolution needed to confirm the impairment status. In those instances, the MADEP relies on the RBP III assessment that provides a finer level of detail by adding a fourth impairment category (i.e., “slightly impaired”). Sometimes waterbodies exhibit less impairment when assessed by the RBP III than they did with the RBP II screening process. For this reason, the MADEP has established the RBP III analysis as a minimum requirement for purposes of listing waters in Category 5 unless the RBP II assessment is definitive as discussed above, or unless the assessment of additional communities, such as fish or benthic algae, corroborate the conclusions drawn from the RBP II.

### *Fish Consumption Advisories*

The EPA provides guidance pertaining to the use of fish and shellfish consumption advisories when making 303(d)-listing decisions. In short, the EPA considers a fish-consumption advisory as evidence that the fish consumption use is not supported when the advisory is based on actual fish tissue data and those data are collected from the specific segment in question. In 1994, the Massachusetts Department of Public Health (DPH) issued a statewide advisory pertaining to the presence of mercury in freshwater fish. While several health advisories for individual waterbodies address larger sub-populations of consumers (e.g., nursing mothers, children under twelve, etc.), or even the population at-large, this statewide precautionary measure was aimed at pregnant women only. Because the statewide advisory encompasses all fresh waters, these waters cannot be considered as “fully supporting” the fish consumption use. However, only waters that are subject to site-specific DPH edibility advisories are listed in Category 5, because these advisories are based on actual risk assessments using data collected from those waterbodies. A list of DPH site-specific fish consumption advisories can be found at <http://www.state.ma.us/dph/beha/fishlist.htm>. It is important to note that, while unacceptable contaminant levels found in edible fish tissue constitute an impairment of the fish consumption use, other uses are assessed independently according to the methodologies presented earlier in this report.

Waters covered by the statewide mercury advisory, as well as site-specific advisories, may be impacted by local sources or by atmospheric deposition from near- and far-field sources, or both. Despite the complexities of this problem, Massachusetts, along with other northeastern states, has taken a lead role in reducing mercury pollution. In 1998 the *New England Governors and Eastern Canadian Premiers Mercury Action Plan* (NEG-ECP MAP) was adopted by the region’s governors and premiers. This plan called for comprehensive actions aimed at eliminating mercury releases to the environment that transcended traditional programmatic and political boundaries. In 2000 Massachusetts adopted a *Zero Mercury Strategy* to further the goals of the NEG-ECP MAP and to add the elimination of the use of mercury as a goal. The MADEP estimates that, to date, mercury releases to the environment in Massachusetts have been reduced by 60% to 70% compared to levels in the mid-1990’s. Given the scope of the existing and emerging strategies for reducing mercury in the environment, the MADEP is exploring alternatives to including waters impaired by mercury on the section 303(d) List (i.e., Category 5).

### *Predictive Models and Evaluated Information*

The EPA guidelines specify the kinds of data and information that should be used when making decisions to list waters in Category 5, and this information is not restricted to direct observations (i.e., monitoring data). Rather, waters should be included in Category 5 if evaluations such as dilution calculations or predictive simulation models forecast non-attainment of water quality standards. During the 1970s and 1980s the MADEP used steady-state low-flow stream models to calculate waste load allocations (WLA) for point discharges. Aimed primarily at reducing instream biochemical oxygen demand (BOD) and ammonia loads, the WLA were adopted in 303(e) basin plans and incorporated in individual NPDES wastewater discharge permits. As a result, advanced secondary or advanced waste treatment were implemented where necessary across Massachusetts and only occasional reviews are now needed to assess the adequacy of existing treatment in light of anticipated increases in wastewater flows. Because of the complex and site-specific nature of remaining water quality problems (e.g., nutrients, toxicants, etc.) predictive models have limited value in identifying impaired waters. In fact most modeling is now carried out for waters where impairments have already been confirmed by actual water quality or biomonitoring data. Nonetheless, predictive models continue to be utilized in combination with actual field data to fully assess water quality conditions and to derive acceptable pollutant loadings from point and nonpoint sources. Model results are considered in the

303(d) listing process in cases where those models forecast unconfirmed water quality problems. Two examples of cases where dilution calculations play a role in assessment and listing decisions are where whole effluent toxicity test results are used to predict potential instream impairments, and where waters subjected to combined sewer overflows (CSO) are projected to violate standards even though confirmatory field data may be unavailable.

### *Shared Waters*

The EPA encourages states with shared waterbodies to collaborate with one another in the development of their Integrated Lists in an attempt to make assessments for those waters as consistent as possible. Many factors can contribute to discrepancies in the use attainment determinations rendered by neighboring states for the same waters. States may vary with respect to the specific goals set forth for those waters in their respective WQS. Furthermore, differing Assessment and Listing Methodologies, or even asynchronous rotating watershed assessment schedules may lead to assessment and listing inconsistencies between states. Prior to making individual watershed assessments the MADEP attempts to gather all existing and readily available data and information from as many sources as possible. This includes reviewing the most recent 305(b) reports and other applicable data and information from adjacent states. Nonetheless, discrepancies often do exist for the reasons cited above.

During the formulation of the 2004 Integrated List the MADEP participated with the State of Rhode Island in an evaluation of the 2002 303(d) lists from each state in an attempt to identify and reconcile any discrepancies in the listing status of interstate waters. In most cases there was good agreement between the two states concerning whether or not waters were actually included on the 303(d) List. Inconsistencies were more apparent, however, in the specific stressors (i.e., causes) cited as contributing to the impaired condition of those shared waters. Nonetheless, this cooperative effort did provide an opportunity to share data and information and the MADEP did make a few adjustments to the 2004 Integrated List as a result.

### *Aquatic Plants*

In 2002 many lakes and ponds that had appeared on previous 303(d) lists because they were reported to have excessive native macrophyte or rooted plant growth were de-listed when it was determined that the plant growth was not caused by pollutant loadings. A review of the original data and information collected from these lakes revealed extensive naturally occurring shallow areas that provided ideal habitat for the proliferation of aquatic plants. Enough uncertainty existed with respect to whether or not these lakes were actually impaired to justify moving them to Category 3 of the Integrated List if they were historically listed as impaired *solely on the basis of macrophyte ("noxious aquatic plants") coverage*. Lakes impaired by algal mats or plants such as water meal or duckweed that exhibit blooming conditions in response to nutrient inputs were retained in Category 5. Due to time constraints related to submitting the 2002 Integrated List, a similar analysis of historical records was not carried out for those lakes that had "noxious aquatic plants" listed as a stressor but were impaired by other pollutants and therefore were retained in Category 5 irrespective of the naturally occurring plant growth. This assessment was completed for the 2004 listing cycle, however, and the stressor "noxious aquatic plants" was removed from approximately 20 lakes that remain on the 303(d) List for other reasons.

### *Prioritization*

A key component of the 303(d) listing process is establishing timelines for TMDL development. The MADEP formulated a TMDL Strategy in 1998 that presented a proposed approach based on the five-year watershed cycle. That strategy, however, assumed that the necessary resources would be available to maintain that schedule. Unfortunately, those resources did not materialize and the strategy as proposed could not be maintained. The 2002 Integrated List did not contain an actual update of the 1998 TMDL Strategy, but it did indicate that the priorities for TMDL development remained consistent with those reflected in the original document. In addition, a description was provided of ongoing steps that the MADEP was taking toward refining the original TMDL Strategy including initiation of the "Massachusetts Total Maximum Daily Load Program Evaluation." One of the tasks in this analysis, which was begun in



2001 through consulting services provided to the MADEP by CH2M Hill Inc., was to form a TMDL steering committee, consisting of representatives of public, private and governmental groups. This committee participated in a series of workshops devoted to important topics related to implementation of the TMDL program such as 303(d) listing and de-listing issues, prioritization of TMDL development, roles and responsibilities of interested parties, and implementation of TMDLs. The MADEP will consider the input and recommendations generated by this program evaluation, as well as the severity of the impairment and the uses to be made of the waterbodies, to set priorities for TMDL activities. Additional factors that will be taken into account include the rotating basin management schedule and the availability of data and information needed to support the TMDL process.

It is recommended in the EPA 2004 reporting cycle guidance that "States develop a schedule for establishing TMDLs as expeditiously as practicable." More specifically, states must identify which TMDLs will be developed in each of the two years leading up to the next listing (i.e., 2006), and the approximate number of TMDLs to be derived for each year thereafter. Furthermore, "States need not specifically identify each TMDL as high, medium or low priority. Instead, the schedule itself can reflect the State's priority ranking." The TMDL schedule is intended to communicate the State's priorities to the public and the EPA and to assist with the allocation of resources to the TMDL development effort. As such, the schedule is not subject to approval by the EPA.

The MADEP evaluated the causes and locations of impairments state-wide and found that roughly 90% of the impairments are caused by bacteria or nutrient-related issues. As a result, Massachusetts will be placing a high priority on these issues for TMDL development in the coming years. To that end, there are a number of TMDLs scheduled for development over the next two years as well as a number of TMDL-related activities, such as monitoring, presently under way that will result in future TMDLs. TMDLs scheduled to be completed in FFY04 include the following:

- 1) Chatham Nutrient TMDL
- 2) Assabet River Nutrient TMDL
- 3) Muddy River Bacterial TMDL
- 4) Frost Fish Creek Bacterial TMDL
- 5) Palmer River Bacterial TMDL
- 6) Kickamuit River Bacterial TMDL
- 7) Shawsheen River Headwaters TMDL

In addition, work is underway for projected TMDL development in FFY05 as follows:

- 1) Nashua River Nutrient TMDL
- 2) Popponesset Bay Nutrient TMDL
- 3) Waquoit Bay Subsystems Nutrient TMDL
- 4) Oyster Pond Bacterial TMDL
- 5) Three Bays Nutrient TMDL
- 6) Nantucket Harbor Nutrient TMDL
- 7) Great Pond Nutrient TMDL
- 8) Green Pond Nutrient TMDL
- 9) Bournes Pond Nutrient TMDL

Individual schedules for each of the above will be negotiated with the EPA through the Performance Partnership Agreement (PPA).

## BIBLIOGRAPHY

### General References

EPA. 2002. *Consolidated Assessment and Listing Methodology. Toward a Compendium of Best Practices*. Office of Wetlands, Oceans and Watersheds, US Environmental Protection Agency, Washington, D.C.

EPA. 2003. *Elements of a State Water Monitoring and Assessment Program*. EPA 841-B-03-003. Assessment and Watershed Protection Division, Office of Wetlands, Oceans and Watersheds, US Environmental Protection Agency, Washington, D.C.

EPA. 2003. *Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act*. Watershed Branch, Office of Wetlands, Oceans and Watersheds, Office of Water, US Environmental Protection Agency, Washington, D.C.

MADEP. 1999. *Final Massachusetts Section 303(d) List of Waters 1998*. Massachusetts Department of Environmental Protection, Division of Watershed Management. Worcester, MA.

MADEP. 2000. *Commonwealth of Massachusetts Summary of Water Quality 2000*. Massachusetts Department of Environmental Protection, Division of Watershed Management. Worcester, MA.

MADEP. 2003. *Massachusetts Year 2002 Integrated List of Waters, Part 1 – Context and Rationale for Assessing and Reporting the Quality of Massachusetts Surface Waters*. CN 125.1 Massachusetts Department of Environmental Protection, Division of Watershed Management. Worcester, MA.

MADEP. 2003. *Massachusetts Year 2002 Integrated List of Waters, Part 2 – Final Listing of Individual Categories of Waters*. CN 125.2 Massachusetts Department of Environmental Protection, Division of Watershed Management. Worcester, MA.

### References for Individual Use Assessments

Coles, J.C. 1998. *Organochlorine Compounds in Fish Tissue from the Connecticut, Housatonic and Thames River Basins Study Unit, 1992-94*. National Water-Quality Assessment Program. U.S. Department of the Interior, U.S. Geological Survey. Marlborough, MA.

DFWELE. 2000. *Designated Shellfish Growing Areas Datalayer – July 2000*. Published by MassGIS in October 2000 (MA Office of Geographic and Environmental Information). Executive Office of Environmental Affairs for the Department of Fisheries, Wildlife, and Environmental Law Enforcement, Division of Marine Fisheries. Boston, MA.

Environment Canada. 04 November 1999. Canadian Environmental Quality Guidelines. [Online]. Environment Canada. [http://www.ec.gc.ca/ceqg-rcqe/tistbl\\_e.doc](http://www.ec.gc.ca/ceqg-rcqe/tistbl_e.doc) [28 September 1998].

EPA. 1997. *Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports) and Electronic Updates: Supplement*. Assessment and Watershed Protection Division (4503F), Office of Wetlands, Oceans and Watersheds, Office of Water, U.S. Environmental Protection Agency. Washington, DC.

EPA. 1999. *1999 Update of Ambient Water Quality Criteria for Ammonia*. U.S. Environmental Protection Agency, Office of Water and Office of Science and Technology. Washington, D.C. and Office of Research and Development, Duluth, MN.

EPA. 19 November 1999. Federal Register Document. [Online]. United States Environmental Protection Agency. <http://www.epa.gov/fedrgstr/EPA-WATER/1998/December/Day-10/w30272.htm>.

Howes, B., D. White, R. Samimy, M. Rapacz. 2002. *The Massachusetts Estuaries Project Embayment Water Quality Assessment Interim Report Priority Embayments 1-20 dated September 30, 2002*. University of Massachusetts-Dartmouth, School of Marine Science and Technology, Dartmouth, MA.

MADEP. 1996. (Revision of 1995 report). *Massachusetts surface water quality standards*. Massachusetts Department of Environmental Protection, Division of Water Pollution Control, Technical Services Branch. Westborough, MA (Revision of 314 CMR 4.00, effective June 23, 1996).

MDPH. 1969. *Article 7 Regulation 10.2B of the State Sanitary Code*. Commonwealth of Massachusetts. Department of Public Health. Boston, MA.

MDPH. 2001. *Public Health Statewide Fish Consumption Advisory issued July 2001*. The Commonwealth of Massachusetts, Bureau of Environmental Health Assessment, Boston, MA.

MDPH. 2002a. *Freshwater Fish Consumption Advisory List – June 2002*. Massachusetts Department of Public Health, Bureau of Environmental Health Assessment. Boston, MA.

MDPH. 2002b. *105 CMR 445.000: Minimum Standards For Bathing Beaches, State Sanitary Code, Chapter VII*. Massachusetts Department of Public Health, Division of Community Sanitation Regulations and Statutes [Online] <http://www.state.ma.us/dph/dcs/csanregs.htm>. 19 September 2002.

Persaud, D., R. Jaagumagi, and A. Hayton. 1993. *Guidelines for the protection and management of aquatic sediment quality in Ontario*. Water Resources Branch, Ontario Ministry of the Environment. Queen's Printer for Ontario. Canada.

#### MADEP Watershed Assessment Reports

Connors, S. G. 2003. *Islands Watershed 2000 Water Quality Assessment Report*. CN 84.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA

DeCesare, G.J. and S.G. Connors. 2002. *Cape Cod Watershed Water Quality Assessment Report*. CN 50.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA

DeCesare, G.J., L.E. Kennedy and M.J. Weinstein. 2000. *North Coastal Watershed 1997/1998 Water Quality Assessment Report*. CN 17.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Fiorentino, J.F., L.E. Kennedy and M.J. Weinstein. 2000. *Charles River Watershed 1997/1998 Water Quality Assessment Report*. CN 16.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E. **In Press**. *Ipswich River Watershed 2000 Water Quality Assessment Report*. CN 88.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E., C.L. Duerring and P. Mitchell. **In Press**. *Deerfield River Watershed 2000 Water Quality Assessment Report*. CN 87.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E., S. Kiras and R. McVoy. 2001. *Merrimack River Basin 1999 Water Quality Assessment Report*. CN 52.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E., S. Kiras and R. McVoy. 2002. *French & Quinebaug River Watersheds 2001 Water Quality Assessment Report*. CN 51.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E., R.J. Maietta and J.F. Fiorentino. 2000. *Ten Mile River Basin 1997 Water Quality Assessment Report*. CN 18.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E. and A.M. Rojko. 2004. *Millers River Watershed 2000 Water Quality Assessment Report*. CN 89.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E. and M.J. Weinstein. 2000. *Housatonic River Basin 1997/1998 Water Quality Assessment Report*. CN 19.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E. and M.J. Weinstein. 2000. *Hudson River Basin 1997 Water Quality Assessment Report*. CN 15.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Kennedy, L.E., M.J. Weinstein and R.J. McCollum. 2000. *Connecticut River Basin 1998 Water Quality Assessment Report*. CN 45.0 Massachusetts Department of Environmental Protection, Division of Watershed Management (Worcester, MA.) and Western Regional Office (Springfield, MA.)

Kiras, S. D. 2003. *Shawsheen River Watershed 2000 Water Quality Assessment Report*. CN 86.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. Undated. *DRAFT Farmington River Watershed 1996 Resource Assessment Report*. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. Undated. *DRAFT South Coastal Watershed 1996 Resource Assessment Report*. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. Undated. *DRAFT SuAsCo River Watershed 1996 Resource Assessment Report*. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. Undated. *DRAFT Taunton Watershed 1996 Assessment Report*. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. Undated. *DRAFT Westfield River Watershed 1996 Resource Assessment Report*. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

O'Brien K. and A. Langhauser. 2003. *Buzzards Bay Watershed 2000 Water Quality Assessment Report*. CN 85.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

O'Brien, K., M.J. Weinstein and R. McVoy. 2002. *Boston Harbor 1999 Water Quality Assessment Report*. CN 49.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Weinstein, M.J. and S.G. Connors. 2001. *Parker River Watershed Water Quality Assessment Report*. CN 54.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Weinstein, M.J., L.E. Kennedy and J. Colonna-Romano. 2001. *Nashua River Basin 1998 Water Quality Assessment Report*. CN 46.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

Weinstein, M.J., L.E. Kennedy, J. Colonna-Romano and T. Beaudoin. 2001. *Blackstone River Basin 1998 Water Quality Assessment Report*. CN 48.0 Massachusetts Department of Environmental Protection, Division of Watershed Management and Central Regional Office, Worcester, MA.

Weinstein, M.J., L.E. Kennedy, J. Colonna-Romano, R.J. McCollum and W.A. Kimball. 2001. *Chicopee River Basin 1998 Water Quality Assessment Report*. CN 47.0 Massachusetts Department of Environmental Protection, Division of Watershed Management (Worcester, MA), Western Regional Office (Springfield, MA) and Central Regional Office (Worcester, MA).

Weinstein, M.J., P. Mitchell and K. O'Brien. 2002. *Narragansett/Mt. Hope Bay Watershed 1999 Water Quality Assessment Report*. CN 53.0 Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

#### MADEP TMDL Documents

MADEP. 1999. *Bare Hill Pond, Harvard, MA. (MA81007) TMDL*. CN 14.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2001. *Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes*. CN 112.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes*. CN 70.1. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Phosphorus for Selected French Basin Lakes*. CN 110.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Load of Phosphorus for Salisbury Pond*. CN 114.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Phosphorus for Lake Quinsigamond and Flint Pond*. CN 115.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Load of Phosphorus for Indian Lake*. CN 116.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Load of Phosphorus for Leesville Pond*. CN 117.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes*. CN 118.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Phosphorus for Lake Boon*. CN 119.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Bacteria for Little Harbor*. CN 120.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Total Maximum Daily Loads of Bacteria for Neponset River Basin*. CN 121.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2002. *Bacteria TMDL for the Shawsheen River Basin*. CN 122.0. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

MADEP. 2003. *Total Maximum Daily Loads of Phosphorus for Selected Millers Basin Lakes*. CN 123.2. Massachusetts Department of Environmental Protection, Division of Watershed Management, Worcester, MA.

## **Massachusetts Category 1 Waters “Waters attaining all designated uses”**

Massachusetts is currently listing no waters in this category due to the issuance by the Massachusetts Department of Public Health of a state-wide health advisory pertaining to the consumption of finfish. This advisory precludes any waters from being in full support of the fish consumption use. More information pertaining to fish consumption advisories and the assessment of the fish consumption use can be found in the Assessment and Listing Methodology section of this report.

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
<b>Blackstone</b>				
Carpenter Reservoir (51015)	MA51015_2004	Northbridge	78.1 acres	-Secondary Contact -Aesthetics
Harrinton Pool (West Hill Dam Impoundment) (51197)	MA51197_2004	Uxbridge	1.0 acres	-Secondary Contact -Aesthetics
Holden Reservoir 1 (51063)	MA51063_2004	Holden	124 acres	-Secondary Contact -Aesthetics
Holden Reservoir 2 (51064)	MA51064_2004	Holden	51.5 acres	-Secondary Contact -Aesthetics
Kettle Brook (5132800)	MA51-19_2004	Outlet Kettle Brook Reservoir #4, Paxton, to outlet of Kettle Brook Reservoir #1, Leicester.	3.5 miles	-Aquatic Life -Aesthetics
Kettle Brook Reservoir No. 1 (51079)	MA51079_2004	Leicester	11.4 acres	-Secondary Contact -Aesthetics
Kettle Brook Reservoir No. 2 (51080)	MA51080_2004	Leicester	29.3 acres	-Secondary Contact -Aesthetics
Kettle Brook Reservoir No. 3 (51081)	MA51081_2004	Paxton	36.2 acres	-Secondary Contact -Aesthetics
Kettle Brook Reservoir No. 4 (51082)	MA51082_2004	Paxton	113 acres	-Secondary Contact -Aesthetics
Lynde Brook Reservoir (51090)	MA51090_2004	Leicester	130 acres	-Secondary Contact -Aesthetics
Mumford River (5132050)	MA51-13_2004	Headwaters, outlet Tuckers Pond, Sutton to Douglas WWTP, Douglas.	4.1 miles	-Aquatic Life -Aesthetics
Patch Reservoir (51118)	MA51118_2004	Worcester	34.1 acres	-Secondary Contact -Aesthetics
Reservoir No. 4 (51128)	MA51128_2004	Sutton	10.0 acres	-Secondary Contact -Aesthetics
Stoneville Reservoir (51161)	MA51161_2004	Auburn	60.2 acres	-Secondary Contact -Aesthetics
<b>Boston Harbor: Neponset</b>				
Pecunit Brook (7341225)	MA73-25_2004	Headwaters east of Carey Circle and west of Pecunit Street, Canton to the confluence with Neponset River, Canton.	1.8 miles	-Primary Contact -Secondary Contact -Aesthetics
<b>Buzzards Bay</b>				
Barrett Pond (95004)	MA95004_2004	Carver	11.3 acres	-Primary Contact -Secondary Contact
Charge Pond (95025)	MA95025_2004	Plymouth	16.4 acres	-Primary Contact -Secondary Contact
College Pond (95030)	MA95030_2004	Plymouth	46.8 acres	-Primary Contact -Secondary Contact
Curlew Pond (95034)	MA95034_2004	Plymouth	42.6 acres	-Primary Contact -Secondary Contact



## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Fearing Pond (95054)	MA95054_2004	Plymouth	22.5 acres	-Primary Contact -Secondary Contact
Glen Charlie Pond (95061)	MA95061_2004	Wareham	157 acres	-Primary Contact -Secondary Contact
Megansett Harbor (95910)	MA95-19_2004	Bourne/Falmouth.	1.3 sq mi	-Shellfishing -Primary Contact -Secondary Contact
New Long Pond (95112)	MA95112_2004	Plymouth	21.0 acres	-Aquatic Life -Aesthetics
Queen Sewell Pond (95180)	MA95180_2004	Bourne (previously reported with PALIS # 96253).	17.6 acres	-Primary Contact -Secondary Contact
Squeteague Harbor (95923)	MA95-55_2004	Bourne/Falmouth.	0.15 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Vaughn Pond (95153)	MA95153_2004	Carver	19.6 acres	-Primary Contact -Secondary Contact
Weweantic River (9558900)	MA95-04_2004	Route 28 bridge to inlet of Horshoe Pond, Wareham.	3.1 miles	-Aesthetics
<b>Cape Cod</b>				
Bassing Harbor (96919)	MA96-48_2004	Excluding Crows Pond and Ryder Cove, Chatham.	0.13 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Centerville Harbor (96902)	MA96-03_2004	From an imaginary line that extends from Dowses Beach to Hyannis Point including all waters north to the shore, Barnstable.	1.5 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Chatham Harbor (96906)	MA96-10_2004	Harbor with northern extent as an imaginary line drawn northeast from northern tip of Strong Island to a point on the inner Cape Cod National Seashore and the western extent as an imaginary line drawn from the southern tip of Strong Island south to Allen Point including the waters south to an imaginary line drawn from Amos Point southeast to the Cape Cod National Seashore, Chatham.	4.0 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Nauset Harbor (96914)	MA96-28_2004	The waters south of an imaginary line drawn east from Woods Cove around the southern point of Stony Island, around the southern end of the unnamed island in the harbor, to the Cape Cod National seashore point, excluding Mill Pond, Orleans.	0.41 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Red Brook (9662900)	MA96-25_2004	Source Mashpee to Hamblin Pond, Falmouth/Mashpee.	0.01 sq mi	-Shellfishing -Primary Contact -Secondary Contact
<b>Charles</b>				
Lake Archer (72002)	MA72002_2004	Wrentham	77.0 acres	-Secondary Contact -Aesthetics
Cambridge Reservoir (72014)	MA72014_2004	Waltham/Lincoln/Lexington	533 acres	-Secondary Contact -Aesthetics
Chestnut Hill Reservoir (72023)	MA72023_2004	Boston	82.5 acres	-Secondary Contact -Aesthetics
Crystal Lake (72030)	MA72030_2004	Newton	26.6 acres	-Secondary Contact -Aesthetics
Dug Pond (72034)	MA72034_2004	Natick	50.2 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Echo Lake (72035)	MA72035_2004	Milford/Hopkinton	72.1 acres	-Secondary Contact -Aesthetics
Farm Pond (72039)	MA72039_2004	Sherborn	125 acres	-Secondary Contact -Aesthetics
Mill River (7240025)	MA72-15_2004	Headwaters, outlet Bush Pond, to confluence with Charles River, Norfolk.	4.2 miles	-Aquatic Life -Aesthetics
Nonesuch Pond (72085)	MA72085_2004	Natick/Weston	38.6 acres	-Secondary Contact -Aesthetics
Norumbega Reservoir (72086)	MA72086_2004	Weston	13.6 acres	-Secondary Contact -Aesthetics
Norumbega Reservoir (72087)	MA72087_2004	Weston	38.0 acres	-Secondary Contact -Aesthetics
Powissett Brook (7239525)	MA72-20_2004	Headwaters, outlet Noannet Pond, Westwood to confluence with Charles River, Dover.	1.9 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Sandy Pond (72105)	MA72105_2004	Lincoln	157 acres	-Secondary Contact -Aesthetics
Stony Brook (7239200)	MA72-26_2004	Headwaters, outlet Beaver Pond, Lincoln to inlet Stony Brook Reservoir, Waltham/Weston.	5.1 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Stony Brook Reservoir (72114)	MA72114_2004	Waltham/Weston	62.8 acres	-Secondary Contact -Aesthetics
Unnamed Tributary (7239180)	MA72-27_2004	Headwaters, outlet Stony Brook Reservoir, Waltham/Weston to confluence with the Charles River, Waltham/Weston/Newton.	0.21 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Waban Brook (7239600)	MA72-17_2004	Outlet Lake Waban to confluence Charles River, Wellesley.	0.65 miles	-Primary Contact -Secondary Contact -Aesthetics
Weston Reservoir (72134)	MA72134_2004	Weston	56.0 acres	-Secondary Contact -Aesthetics
<b>Chicopee</b>				
Asnacomet Pond (36005)	MA36005_2004	Hubbardston	126 acres	-Secondary Contact -Aesthetics
Atherton Brook (3626700)	MA36-30_2004	Headwaters at confluence of Town Farm and Osgood Brooks, Shutesbury to mouth at Quabbin Reservoir, Pelham.	1.9 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Bickford Pond (36015)	MA36015_2004	Hubbardston/Princeton	163 acres	-Secondary Contact -Aesthetics
Brigham Pond (36020)	MA36020_2004	Hubbardston	46.9 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Burnshirt River (3628075)	MA36-37_2004	Headwaters - Outlet Stone Bridge Pond, Templeton/Phillipston to confluence with Canesto Brook, Barre.	8.6 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Cadwell Creek (3626575)	MA36-29_2004	Headwaters east of Route 202 and northwest of Dodge Hill, Pelham to mouth at Quabbin Reservoir, Belchertown.	3.2 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Canesto Brook (3628050)	MA36-36_2004	Headwaters northwest of Hubbardston State Forest near Hubbardston/Templeton town line to confluence with Ware River, Barre.	7.3 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Chicopee Reservoir (36033)	MA36033_2004	Chicopee	22.0 acres	-Secondary Contact -Aesthetics
Conant Brook Reservoir (36038)	MA36038_2004	Monson	4.4 acres	-Secondary Contact -Aesthetics
Connor Pond (36039)	MA36039_2004	Petersham	22.5 acres	-Secondary Contact -Aesthetics
Crystal Lake (36043)	MA36043_2004	Palmer	16.1 acres	-Secondary Contact -Aesthetics
Dean Pond (36049)	MA36049_2004	Brimfield/Monson	9.6 acres	-Secondary Contact -Aesthetics
Demond Pond (36051)	MA36051_2004	Rutland	120 acres	-Secondary Contact -Aesthetics
East Branch Swift River (3627200)	MA36-35_2004	Headwaters at the confluence of Shattuck and Popple Camp Brooks, Phillipston to mouth at Pottapaug Pond, Petersham.	9.8 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Fivemile Pond (36061)	MA36061_2004	Springfield	36.4 acres	-Secondary Contact -Aesthetics
Forget-Me-Not Brook (3626200)	MA36-18_2004	Headwaters to North Brookfield WWTP, North Brookfield.	1.7 miles	-Aquatic Life -Aesthetics
Haviland Pond (36069)	MA36069_2004	Ludlow	24.6 acres	-Secondary Contact -Aesthetics
Hop Brook (3627000)	MA36-32_2004	Headwaters upstream of West Street, New Salem to mouth at Quabbin Reservoir, New Salem.	3.7 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Horse Pond (36072)	MA36072_2004	North Brookfield	63.1 acres	-Secondary Contact -Aesthetics
Knights Pond (36077)	MA36077_2004	Belchertown	36.1 acres	-Secondary Contact -Aesthetics
Mare Meadow Reservoir (36090)	MA36090_2004	Westminster/Hubbardston	240 acres	-Secondary Contact -Aesthetics
Mare Meadow Reservoir North (36178)	MA36178_2004	Westminster	38.3 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Middle Branch Swift River (3627125)	MA36-33_2004	Headwaters just north of Wendell and New Salem State Forests (South of the Swift River School), Wendell to mouth at Quabbin Reservoir, New Salem.	6.9 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Palmer Reservoir (36115)	MA36115_2004	Palmer	8.2 acres	-Secondary Contact -Aesthetics
Paradise Lake (36116)	MA36116_2004	Monson	17.5 acres	-Secondary Contact -Aesthetics
Pattaquatic Pond (36117)	MA36117_2004	Palmer	18.1 acres	-Secondary Contact -Aesthetics
Perry Hill Pond (36122)	MA36122_2004	Hubbardston	23.4 acres	-Secondary Contact -Aesthetics
Prince River (3627900)	MA36-08_2004	Source, outlet Hemingway Pond to confluence with Ware River, Barre.	7.8 miles	-Aesthetics
Quaboag River (3625450)	MA36-15_2004	Route 67 bridge West Brookfield to Warren WWTP, Warren.	6.3 miles	-Aquatic Life -Aesthetics
Queen Lake (36132)	MA36132_2004	Phillipston	139 acres	-Secondary Contact -Aesthetics
Red Bridge Impoundment (36171)	MA36171_2004	Ludlow/Wilbraham	72.6 acres	-Secondary Contact -Aesthetics
Shaw Pond (36138)	MA36138_2004	Leicester	64.2 acres	-Secondary Contact -Aesthetics
Springfield Reservoir (36145)	MA36145_2004	Ludlow	393 acres	-Secondary Contact -Aesthetics
Swift River (3626525)	MA36-09_2004	Windsor Dam, Belchertown to Upper Bondsville Mill Dam, Belchertown/Palmer.	5.8 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Thompson Lake (36154)	MA36154_2004	Palmer	34.5 acres	-Secondary Contact -Aesthetics
Waite Pond (36161)	MA36161_2004	Hubbardston	34.4 acres	-Secondary Contact -Aesthetics
Ware River (3626500)	MA36-03_2004	MDC intake, Barre to dam in South Barre.	2.4 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Ware River (3626500)	MA36-04_2004	Dam in South Barre to Wheelwright Dam, New Braintree.	5.4 miles	-Aquatic Life
Ware River (3626500)	MA36-05_2004	Wheelwright Dam, New Braintree to Ware Dam, Ware.	12.1 miles	-Aquatic Life -Aesthetics
Ware River (3626500)	MA36-07_2004	Thorndike Dam to confluence with Quaboag River, forming headwaters Chicopee River, Palmer.	2.5 miles	-Aquatic Life
West Branch Fever Brook (3627150)	MA36-34_2004	Headwaters just north (upstream) of Route 122 to mouth at Quabbin Reservoir, Petersham.	3.5 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
West Branch Swift River (3626800)	MA36-31_2004	Headwaters - Outlet of small unnamed impoundment east of Cooleyville Road in Wendell State Forest, Wendell to mouth at Quabbin Reservoir, Shutesbury/New Salem.	6.3 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
West Branch Ware River (3628175)	MA36-02_2004	Outlet Brigham Pond, Hubbardston to confluence with the East Branch Ware River, Barre.	4.5 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
<b>Concord</b>				
Fort Meadow Brook (8247200)	MA82B-11_2004	Outlet of Fort Meadow Reservoir (Marlboro/Hudson), to confluence with Assabet River, Hudson.	2.7 miles	-Aquatic Life -Aesthetics
Fort Pond (82043)	MA82043_2004	Littleton	102 acres	-Secondary Contact -Aesthetics
Fort Pond Brook (8246850)	MA82B-13_2004	Source in wetland just west of Fort Pond, Littleton to inlet of Warners Pond, Concord.	10.3 miles	-Aquatic Life
Gates Pond (82047)	MA82047_2004	Berlin	72.7 acres	-Secondary Contact -Aesthetics
Heart Pond (82059)	MA82059_2004	Chelmsford	93.9 acres	-Secondary Contact -Aesthetics
Learned Pond (82069)	MA82069_2004	Framingham	33.9 acres	-Secondary Contact -Aesthetics
Milham Reservoir (82077)	MA82077_2004	Marlborough	66.6 acres	-Secondary Contact -Aesthetics
Nagog Pond (82082)	MA82082_2004	Littleton/Acton	278 acres	-Secondary Contact -Aesthetics
Solomon Pond (82100)	MA82100_2004	Northborough	21.2 acres	-Secondary Contact -Aesthetics
Westborough Reservoir (82114)	MA82114_2004	Westborough	31.6 acres	-Secondary Contact -Aesthetics
White Pond (82118)	MA82118_2004	Concord	36.1 acres	-Secondary Contact -Aesthetics
White Pond (82119)	MA82119_2004	Hudson/Stow	48.8 acres	-Secondary Contact -Aesthetics
Whitehall Brook (8248425)	MA82A-11_2004	Outlet Whitehall Reservoir, Hopkinton to confluence with Sudbury River, Westborough.	3.5 miles	-Aquatic Life
Williams Lake (82121)	MA82121_2004	Marlborough	69.3 acres	-Secondary Contact -Aesthetics
<b>Connecticut</b>				
Atkins Reservoir (34006)	MA34006_2004	Shutesbury	46.5 acres	-Secondary Contact -Aesthetics
Green Pond (34028)	MA34028_2004	Montague	14.7 acres	-Secondary Contact -Aesthetics
Lower Highland Lake (34047)	MA34047_2004	Goshen	90.7 acres	-Secondary Contact -Aesthetics
Lower Mill Pond (34048)	MA34048_2004	Easthampton	29.6 acres	-Secondary Contact -Aesthetics
Mill River (3419825)	MA34-24_2004	Headwaters east of Fisher Hill, Conway to confluence with the Connecticut River, Hatfield.	24.6 miles	-Aquatic Life -Aesthetics
Mountain Street Reservoir (34056)	MA34056_2004	Williamsburg/Hatfield/Whately	66.7 acres	-Secondary Contact -Aesthetics
Nine Mile Pond (34127)	MA34127_2004	Wilbraham (PALIS/Segment changed from 36107 to 34127, TRD 6/21/02)	32.5 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Northampton Reservoir (34059)	MA34059_2004	Whately	80.4 acres	-Secondary Contact -Aesthetics
Northfield Mountain Reservoir (34061)	MA34061_2004	Erving	237 acres	-Secondary Contact -Aesthetics
Pine Island Lake (34069)	MA34069_2004	Westhampton	55.1 acres	-Secondary Contact -Aesthetics
Lake Pleasant (34070)	MA34070_2004	Montague	54.0 acres	-Secondary Contact -Aesthetics
Roberts Meadow Reservoir (34076)	MA34076_2004	Northampton	22.4 acres	-Secondary Contact -Aesthetics
Sawyer Ponds (34079)	MA34079_2004	[South Basin] Northfield	12.4 acres	-Secondary Contact -Aesthetics
Tighe Carmody Reservoir (34089)	MA34089_2004	Southampton	354 acres	-Secondary Contact -Aesthetics
Upper Highland Lake (34093)	MA34093_2004	Goshen	51.2 acres	-Secondary Contact -Aesthetics
<b>Deerfield</b>				
Bear River (3313950)	MA33-17_2004	Headwaters near trail off of Barnes Road, Ashfield to confluence with Deerfield River, Conway.	7.6 miles	-Aquatic Life -Aesthetics
Clark Brook (3314775)	MA33-16_2004	Headwaters, near Moonshine Road (Howes Road)/East Buckland Road to confluence with Clesson Brook, Buckland.	3.8 miles	-Aquatic Life -Aesthetics
Clesson Brook (3314750)	MA33-15_2004	Outlet of unnamed pond south of Forget Road, Hawley through Cox Pond to confluence with Deerfield River, Buckland.	10.3 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Cold River (3315675)	MA33-05_2004	Source in Florida to confluence with Deerfield River, Charlemont.	13.7 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Deerfield River (3312900)	MA33-01_2004	Outlet Sherman Reservoir Monroe/Rowe, to confluence with Cold River, Charlemont.	13.4 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Deerfield River (3312900)	MA33-02_2004	Confluence with Cold River, Charlemont to confluence with North River, Charlemont/Shelburne Falls.	11.4 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Deerfield River (3312900)	MA33-03_2004	Confluence with North River, Charlemont/Shelburne Falls to confluence with Green River, Greenfield.	17.4 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Deerfield River (3312900)	MA33-04_2004	Confluence with Green River, Greenfield to confluence with Connecticut River, Greenfield.	2.0 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Drakes Brook (3314000)	MA33-23_2004	Headwaters north of North Warger Road, Ashfield to confluence with Bear River, Conway.	2.0 miles	-Aquatic Life -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
East Branch North River (3314275)	MA33-19_2004	Vermont line, Colrain to confluence with West Branch North River, Colrain.	7.6 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Foundry Brook (3314300)	MA33-25_2004	Headwaters north of Calvin Coombs Road, Colrain to confluence with East Branch North River, Colrain.	2.8 miles	-Aesthetics
Green River (3312925)	MA33-28_2004	Vermont line, Colrain to Greenfield water supply dam (north of Eunice Williams Road), Greenfield. (formerly part of MA33-09)	8.5 miles	-Aquatic Life -Aesthetics
Green River (3312925)	MA33-29_2004	From Greenfield water supply dam (north of Eunice Williams Road), Greenfield to the Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield. (formerly part of MA33-09)	4.6 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Mill Brook (3315175)	MA33-14_2004	Headwaters, originating north of Rowe Road, Heath to confluence with the Deerfield River, Charlemont.	5.7 miles	-Aquatic Life -Aesthetics
North Pond (33014)	MA33014_2004	Florida	19.1 acres	-Primary Contact -Secondary Contact
North River (3314100)	MA33-06_2004	From confluence of East and West Branches of the North River, Colrain to confluence with Deerfield River, Shelburne. (Segment Changed 1997 - East Branch no longer included in length)	3.3 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Pelham Brook (3316075)	MA33-12_2004	Outlet Pelham Lake, Rowe to confluence with Deerfield River, Charlemont.	4.8 miles	-Aquatic Life -Aesthetics
Pumpkin Hollow Brook (3313700)	MA33-32_2004	Headwaters north of Conway State Forest and south of Old Cricket Hill Road, Conway to confluence with South River, Conway.	2.3 miles	-Aquatic Life -Aesthetics
South Pond (33019)	MA33019_2004	Savoy	28.7 acres	-Primary Contact -Secondary Contact
South River (3313650)	MA33-07_2004	Outlet Ashfield Pond to Emmets Road, Ashfield.	2.3 miles	-Aquatic Life -Primary Contact -Secondary Contact
Taylor Brook (3314425)	MA33-31_2004	From the confluence of Kinsman Brook and Davenport Brook, Heath to confluence with West Branch North River, Colrain.	2.6 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Tisdell Brook (3314500)	MA33-24_2004	Headwaters west of Christian Hill, Colrain to confluence with West Branch North River, Colrain.	1.7 miles	-Aesthetics
West Branch North River (3314375)	MA33-27_2004	Headwaters at confluence of West Branch Brook and Burrington Brook, Heath to confluence with North River, Colrain.	7.1 miles	-Aquatic Life
<b>Farmington</b>				
Benton Brook (3107375)	MA31-11_2004	Drainage from Hayden Swamp through several wetlands to the confluence with the West Branch Farmington River, Otis.	5.2 miles	-Aquatic Life -Aesthetics
Buck River (3107225)	MA31-12_2004	Headwaters draining wetland just south of Morley Hill and Cronk Road to confluence with the Clam River, Sandisfield.	6.4 miles	-Aquatic Life -Aesthetics
Clam River (3107125)	MA31-03_2004	Outlet Royal Pond, West Otis to confluence with West Branch Farmington River, Sandisfield just north of the village of Roosterville	9.5 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Cone Brook (3107425)	MA31-08_2004	Drainage from Angerman Swamp in Beartown State Forest to Hayden Pond, Otis.	2.1 miles	-Aquatic Life -Aesthetics



## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Cranberry Pond (31008)	MA31008_2004	Tolland	75.5 acres	-Secondary Contact -Aesthetics
Fall River (3107325)	MA31-02_2004	Outlet Larkum Pond, Otis to confluence with West Branch Farmington River, Otis.	0.77 miles	-Aquatic Life -Aesthetics
Hubbard Brook (3107550)	MA31-16_2004	Confluence Babcock Brook and Hall Pond Brook, Tolland to Connecticut border Granville, Massachusetts/Hartland, Connecticut.	4.0 miles	-Aquatic Life -Aesthetics
Long Bow Lake (31019)	MA31019_2004	Becket	25.6 acres	-Secondary Contact -Aesthetics
Lower Spectacle Pond (31020)	MA31020_2004	Sandisfield	69.8 acres	-Secondary Contact -Aesthetics
Sandy Brook (3106875)	MA31-14_2004	Outlet York Lake, New Marlborough to the Connecticut State Line at Sandisfield.	5.0 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Shales Brook (3107525)	MA31-04_2004	Source north of Tyringham Road to inlet Shaw Pond, Becket.	1.2 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Silver Brook (3107150)	MA31-13_2004	Confluence of North Branch and South Branch Silver Brook to confluence with Clam River, Sandisfield.	1.0 miles	-Primary Contact -Secondary Contact -Aesthetics
Silver Shield Pond (31054)	MA31054_2004	Becket	9.8 acres	-Secondary Contact -Aesthetics
Unnamed Tributary (3107405)	MA31-09_2004	Source north of Route 23 and east of Harrington Road to confluence with West Branch Farmington River, Otis.	2.0 miles	-Primary Contact -Secondary Contact -Aesthetics
Valley Brook (3107700)	MA31-15_2004	Source, northwest of Holden Hill, Granville to Connecticut border at Granville, Massachusetts/Hartland, Connecticut.	5.9 miles	-Aquatic Life -Aesthetics
West Branch Farmington River (3106850)	MA31-01_2004	Outlet Hayden Pond, Otis to the Connecticut state line, Sandisfield/Tolland line and Colebrook, Connecticut.	16.1 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
West Lake (31050)	MA31050_2004	Sandisfield	60.3 acres	-Secondary Contact -Aesthetics
White Lily Pond (31051)	MA31051_2004	Otis	62.1 acres	-Secondary Contact -Aesthetics
<b>French</b>				
Mill Brook (4230175)	MA42-10_2004	Outlet Webster Lake, Webster to confluence with French River, Webster/Dudley.	1.4 miles	-Aquatic Life
Town Meadow Brook (4230375)	MA42-01_2004	Outlet Sargent Pond to inlet Dutton Pond, Leicester.	0.49 miles	-Aquatic Life -Aesthetics
Town Meadow Brook (4230375)	MA42-02_2004	Outlet Dutton Pond to inlet Greenville Pond, Leicester.	1.9 miles	-Aquatic Life -Aesthetics
<b>Hoosic</b>				
Bassett Brook (1101425)	MA11-17_2004	Headwaters southeast slope of Saddle Ball Mt., Adams to inlet Bassett Reservoir, Cheshire.	2.9 miles	-Aquatic Life -Aesthetics



## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
East Branch Green River (1100800)	MA11-21_2004	Headwaters, northeast of Sugarloaf Mountain, New Ashford to confluence with Green River, New Ashford.	2.8 miles	-Aquatic Life -Aesthetics
Mt. Williams Reservoir (11010)	MA11010_2004	North Adams	45.8 acres	-Secondary Contact -Aesthetics
Notch Reservoir (11011)	MA11011_2004	North Adams	12.0 acres	-Secondary Contact -Aesthetics
Pecks Brook (1101375)	MA11-18_2004	Headwaters west of West Mountatin Road to confluence with the Hoosic River, Adams.	2.7 miles	-Aquatic Life -Aesthetics
Windsor Lake (11016)	MA11016_2004	North Adams	23.8 acres	-Secondary Contact -Aesthetics
<b>Housatonic</b>				
Anthony Brook (2105425)	MA21-10_2004	Outlet of Anthony Pond, Dalton to the confluence with Wahconah Falls Brook, Dalton.	2.6 miles	-Aquatic Life -Aesthetics
Ashley Lake (21003)	MA21003_2004	Washington	92.2 acres	-Secondary Contact -Aesthetics
Benedict Pond (21011)	MA21011_2004	Great Barrington/Monterey	36.8 acres	-Secondary Contact -Aesthetics
Cady Brook (2105525)	MA21-12_2004	Source to the Windsor Reservoir, Hinsdale.	3.5 miles	-Aquatic Life -Aesthetics
Cleveland Brook (2105550)	MA21-08_2004	Headwaters, outlet of Cleveland Brook Reservoir, Hinsdale to the confluence with East Branch Housatonic River, Dalton.	1.9 miles	-Aquatic Life -Aesthetics
Cleveland Brook Reservoir (21019)	MA21019_2004	Hinsdale	155 acres	-Secondary Contact -Aesthetics
Cookson Pond (21021)	MA21021_2004	New Marlborough	67.0 acres	-Secondary Contact -Aesthetics
Farnham Reservoir (21033)	MA21033_2004	Washington	40.5 acres	-Secondary Contact -Aesthetics
Furnace Brook (2104275)	MA21-21_2004	Headwaters south of Route 295 (Canaan Road), Richmond to inlet Mud Ponds, West Stockbridge.	3.7 miles	-Aquatic Life
Lake Garfield (21040)	MA21040_2004	Monterey	257 acres	-Secondary Contact -Aesthetics
Green River (2103950)	MA21-23_2004	Alford, Massachusetts/Hillsdale, New York border southwest of Route 71 to cofluence with the Housatonic River in Great Barrington.	11.4 miles	-Aesthetics
Hayes Pond (21051)	MA21051_2004	Otis	46.5 acres	-Secondary Contact -Aesthetics
Stevens Pond (21104)	MA21104_2004	Monterey	38.8 acres	-Secondary Contact -Aesthetics
Upper Sackett Reservoir (21113)	MA21113_2004	Hinsdale	19.3 acres	-Secondary Contact -Aesthetics
Williams River (2104100)	MA21-06_2004	Source, outlet Shaker Mill Pond, West Stockbridge to confluence with Housatonic River, Great Barrington.	11.0 miles	-Aquatic Life -Aesthetics
Windsor Reservoir (21119)	MA21119_2004	Hinsdale/Windsor	74.4 acres	-Secondary Contact -Aesthetics
<b>Ipswich</b>				
Berry Pond (92003)	MA92003_2004	North Andover	3.9 acres	-Primary Contact -Secondary Contact

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Boston Brook (9253925)	MA92-13_2004	Outlet of Towne Street Pond, North Andover to confluence with the Ipswich River, Middleton.	7.5 miles	-Aquatic Life -Aesthetics
Fish Brook (9253850)	MA92-14_2004	Headwater, outlet Stiles Pond, Boxford to confluence with Ipswich River, Topsfield/Boxford.	8.2 miles	-Aquatic Life -Aesthetics
Gravelly Brook (9253725)	MA92-18_2004	Headwaters, Willowdale State Forest, Ipswich to confluence with Ipswich River, Ipswich.	1.5 miles	-Aquatic Life -Aesthetics
Lubbers Brook (9254075)	MA92-05_2004	Billerica/Burlington boundry to confluence with Maple Meadow Brook forming headwaters of Ipswich River, Wilmington.	6.3 miles	-Aquatic Life -Aesthetics
Silver Lake (92059)	MA92059_2004	Wilmington	29.9 acres	-Primary Contact -Secondary Contact
Stiles Pond (92063)	MA92063_2004	Boxford	59.0 acres	-Primary Contact -Secondary Contact
<b>Islands</b>				
Cape Poge Bay (97904)	MA97-08_2004	From the outlet of The Lagoon at Toms Neck, Edgartown to the confluence with Edgartown Harbor at the Cape Poge Gut, (excluding Shear Pin Pond and Pease Pond) Edgartown, Martha's Vineyard.	2.3 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Coskata Pond (97010)	MA97-03_2004	Pond north of Nantucket Harbor, Nantucket to confluence with Nantucket Harbor, Nantucket	0.08 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Great Point Pond (97902)	MA97-04_2004	On Great Point, to confluence with Nantucket Sound, Nantucket	0.06 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Mattakeset Bay (97906)	MA97-14_2004	Waters west of an imaginary line drawn southeasterly from Katama Point to Norton Point, Edgartown, Martha's Vineyard.	0.17 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Menemsha Pond (97054)	MA97-06_2004	Waters between Nashaquitsa Pond and Menemsha Creek, Gay Head, Martha's Vineyard.	0.89 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Mill Brook (9763550)	MA97-22_2004	Outlet of Bliss Pond to inlet Chilmark Pond, Chilmark, Martha's Vineyard	2.4 miles	-Aquatic Life -Aesthetics
Mill Brook (9763625)	MA97-24_2004	Source in wetlands west of Roth Woodland Road, Chilmark to inlet Old Millpond, West Tisbury, Martha's Vineyard	3.4 miles	-Aquatic Life -Aesthetics
Paint Mill Brook (9763775)	MA97-23_2004	Source east of Tea Lane to inlet of Paint Mill Brook Pond, Chilmark, Martha's Vineyard	0.88 miles	-Aquatic Life -Aesthetics
Sengekontacket Pond (97083)	MA97-10_2004	Between East Vineyard Haven Road and Beach Road, including Majors Cove, Edgartown/Oak Bluffs, Martha's Vineyard.	1.1 sq mi	-Shellfishing -Primary Contact -Secondary Contact
Tiasquam River (9763600)	MA97-25_2004	Source in wetlands west of Tea Lane, Chilmark to inlet of Looks Pond, West Tisbury, Martha's Vineyard	2.8 miles	-Aquatic Life -Aesthetics
<b>Millers</b>				
Dunn Pond (35021)	MA35021_2004	Gardner	18.0 acres	-Primary Contact -Secondary Contact -Aesthetics
Lake Mattawa (35112)	MA35112_2004	(PALIS ID Changed on 10/6/97 from 36092 to 35112 - Concurrently changed WBID to reflect this change - See PALIS for details) Orange	112 acres	-Primary Contact -Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Ruggles Pond (35072)	MA35072_2004	Wendell	14.8 acres	-Primary Contact -Secondary Contact -Aesthetics
<b>Mount Hope Bay (Shore)</b>				
Cole River (6134550)	MA61-03_2004	Wood Street to Route 6, Swansea.	1.6 miles	-Secondary Contact
<b>Nashua</b>				
Ashby Reservoir (81001)	MA81001_2004	Ashby	35.9 acres	-Secondary Contact -Aesthetics
Asnebumskit Pond (81002)	MA81002_2004	Paxton	43.4 acres	-Secondary Contact -Aesthetics
Coachlace Pond (81019)	MA81019_2004	Clinton	31.0 acres	-Secondary Contact -Aesthetics
Crocker Pond (81025)	MA81025_2004	Westminster	101 acres	-Secondary Contact -Aesthetics
East Waushacum Pond (81035)	MA81035_2004	Sterling	182 acres	-Secondary Contact -Aesthetics
Fall Brook Reservoir (81038)	MA81038_2004	Leominster	87.8 acres	-Secondary Contact -Aesthetics
Fitchburg Reservoir (81043)	MA81043_2004	Ashby	150 acres	-Secondary Contact -Aesthetics
Haynes Reservoir (81055)	MA81055_2004	Leominster	56.4 acres	-Secondary Contact -Aesthetics
Hy-Crest Pond (81060)	MA81060_2004	Sterling	104 acres	-Secondary Contact -Aesthetics
Kendall Reservoir (81062)	MA81062_2004	Holden	179 acres	-Secondary Contact -Aesthetics
Lancaster Millpond (81065)	MA81065_2004	Clinton	20.5 acres	-Secondary Contact -Aesthetics
Lincoln Pond (81070)	MA81070_2004	Ashburnham	31.2 acres	-Secondary Contact -Aesthetics
Lovell Reservoir (81074)	MA81074_2004	Fitchburg	35.3 acres	-Secondary Contact -Aesthetics
Lower Crow Hill Pond (81026)	MA81026_2004	Princeton/Westminster	13.6 acres	-Secondary Contact -Aesthetics
Malden Brook (8145300)	MA81-27_2004	Headwaters northeast of Lee Street to the inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	1.9 miles	-Aquatic Life -Primary Contact -Secondary Contact
Maple Spring Pond (81077)	MA81077_2004	Holden	38.5 acres	-Secondary Contact -Aesthetics
Massapoag Pond (81080)	MA81080_2004	Lunenburg	64.3 acres	-Secondary Contact -Aesthetics
Meetinghouse Pond (81083)	MA81083_2004	Westminster	151 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Morse Reservoir (81086)	MA81086_2004	Leominster	14.8 acres	-Secondary Contact -Aesthetics
Muschopauge Pond (81089)	MA81089_2004	Rutland	61.3 acres	-Secondary Contact -Aesthetics
Notown Reservoir (81092)	MA81092_2004	Leominster	240 acres	-Secondary Contact -Aesthetics
Pine Hill Reservoir (81102)	MA81102_2004	Paxton/Holden/Rutland	336 acres	-Secondary Contact -Aesthetics
Quinapoxet Reservoir (81108)	MA81108_2004	Holden/Princeton	258 acres	-Secondary Contact -Aesthetics
Rockwell Pond (81112)	MA81112_2004	Leominster	10.3 acres	-Secondary Contact -Aesthetics
Sandy Pond (81117)	MA81117_2004	Ayer	68.7 acres	-Secondary Contact -Aesthetics
Scott Reservoir (81119)	MA81119_2004	Fitchburg	33.1 acres	-Secondary Contact -Aesthetics
Spectacle Pond (81132)	MA81132_2004	Lancaster	61.0 acres	-Secondary Contact -Aesthetics
Squannacook River (8143950)	MA81-18_2004	Confluence Mason and Willard brooks, Townsend to Hollingsworth and Vose WWTP, Groton/Shirley.	13.0 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Stillwater River (8145700)	MA81-31_2004	Confluence of Justice and Keyes Brooks, Princeton/Sterling to the inlet of Wachusett Reservoir (Stillwater Basin), Sterling.	6.7 miles	-Aquatic Life -Primary Contact -Secondary Contact
Trout Brook (8145350)	MA81-26_2004	Outlet Cournoyer Pond to confluence with Quinepoxet River, Holden.	1.9 miles	-Aquatic Life -Primary Contact -Secondary Contact
Vinton Pond (81145)	MA81145_2004	Townsend	16.3 acres	-Secondary Contact -Aesthetics
Wachusett Lake (81146)	MA81146_2004	Westminster/Princeton	129 acres	-Secondary Contact -Aesthetics
West Waushacum Pond (81153)	MA81153_2004	Sterling	111 acres	-Secondary Contact -Aesthetics
Whitman River (8145075)	MA81-11_2004	Outlet Lake Wampanoag, Ashburnham to inlet Snows Millpond, Fitchburg.	8.4 miles	-Aquatic Life -Aesthetics
Whitmanville Reservoir (81109)	MA81109_2004	Westminster/Ashburnham	107 acres	-Secondary Contact -Aesthetics
Winnekeag Lake (81157)	MA81157_2004	Ashburnham	112 acres	-Secondary Contact -Aesthetics
<b>North Coastal</b>				
Babson Reservoir (93001)	MA93001_2004	Gloucester	39.3 acres	-Secondary Contact -Aesthetics
Birch Pond (93004)	MA93004_2004	Saugus/Lynn	80.4 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Breeds Pond (93006)	MA93006_2004	Lynn	195 acres	-Secondary Contact -Aesthetics
Fernwood Lake (93022)	MA93022_2004	Gloucester	25.2 acres	-Secondary Contact -Aesthetics
Goose Cove Reservoir (93093)	MA93093_2004	Gloucester	57.7 acres	-Secondary Contact -Aesthetics
Gravelly Pond (93028)	MA93028_2004	Hamilton	49.6 acres	-Secondary Contact -Aesthetics
Haskell Pond (93031)	MA93031_2004	Gloucester	57.6 acres	-Secondary Contact -Aesthetics
Mill Pond (93050)	MA93050_2004	Gloucester	17.9 acres	-Secondary Contact -Aesthetics
Quarry Reservoir (93053)	MA93053_2004	Rockport	7.3 acres	-Secondary Contact -Aesthetics
Round Pond (93063)	MA93063_2004	Hamilton	37.4 acres	-Secondary Contact -Aesthetics
Rum Rock Lake (93064)	MA93064_2004	Rockport	10.1 acres	-Secondary Contact -Aesthetics
Spring Pond (93073)	MA93073_2004	[South Basin] Peabody/Lynn/Salem	66.1 acres	-Secondary Contact -Aesthetics
Upper Pond (93083)	MA93083_2004	Saugus	12.3 acres	-Secondary Contact -Aesthetics
Walden Pond (93084)	MA93084_2004	Lynn/Saugus/Lynnfield	223 acres	-Secondary Contact -Aesthetics
Wallace Pond (93085)	MA93085_2004	Gloucester	3.1 acres	-Secondary Contact -Aesthetics
<b>Parker</b>				
Jackman Brook (9153350)	MA91-07_2004	Northeast of intersection of Jewett and Tenney Streets to confluence with Wheeler Brook, Georgetown.	0.84 miles	-Aquatic Life -Aesthetics
Ox Pasture Brook (9153225)	MA91-10_2004	Headwaters - Outlet of small unnamed impoundment east of Bradford Street to the outlet of a small unnamed impoundment west of Ox Pasture Hill, Rowley.	2.5 miles	-Aquatic Life -Aesthetics
<b>Quinebaug</b>				
Quinebaug River (4128875)	MA41-02_2004	Sturbridge WWTP, Sturbridge to confluence with Cady Brook, Southbridge.	6.6 miles	-Aquatic Life
Wales Brook (4129325)	MA41-08_2004	Outlet Lake George, Wales to confluence with Mill Brook, Brimfield.	5.2 miles	-Aquatic Life -Aesthetics
<b>Shawsheen</b>				
Content Brook (8349150)	MA83-09_2004	Outlet Richardson Pond, Billerica, to confluence with Shawsheen River, Tewksbury.	2.4 miles	-Primary Contact -Secondary Contact
Meadow Brook (8349100)	MA83-12_2004	Outlet Ames Pond, Tewksbury, to confluence with Strong Water Brook, Tewksbury.	1.7 miles	-Primary Contact -Secondary Contact
Unnamed Tributary (8349030)	MA83-16_2004	Also known as "Fosters Brook" - Outlet Fosters Pond, Andover through River Street Pond to confluence with Shawsheen River at Lowell Junction Pond, Andover.	1.0 miles	-Primary Contact -Secondary Contact
<b>South Coastal</b>				
Accord Pond (94002)	MA94002_2004	Hingham/Norwell/Rockland	103 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Arnold School Pond (94004)	MA94004_2004	Pembroke	11.6 acres	-Secondary Contact -Aesthetics
Bartlett Pond (94005)	MA94005_2004	Plymouth	33.3 acres	-Secondary Contact -Aesthetics
Black Jimmy Pond (94008)	MA94008_2004	Plymouth	8.6 acres	-Secondary Contact -Aesthetics
Bloody Pond (94015)	MA94015_2004	Plymouth	101 acres	-Secondary Contact -Aesthetics
Boot Pond (94016)	MA94016_2004	Plymouth	68.8 acres	-Secondary Contact -Aesthetics
Elbow Pond (94035)	MA94035_2004	Plymouth	20.9 acres	-Secondary Contact -Aesthetics
Forge Pond (94036)	MA94036_2004	Plymouth	13.7 acres	-Secondary Contact -Aesthetics
Fresh Pond (94040)	MA94040_2004	Plymouth	59.8 acres	-Secondary Contact -Aesthetics
Great Sandy Bottom Pond (94053)	MA94053_2004	Pembroke	103 acres	-Secondary Contact -Aesthetics
Gunners Exchange Pond (94055)	MA94055_2004	Plymouth	26.1 acres	-Secondary Contact -Aesthetics
Hedges Pond (94065)	MA94065_2004	Plymouth	27.1 acres	-Secondary Contact -Aesthetics
Hobomock Pond (94177)	MA94177_2004	Pembroke	12.7 acres	-Secondary Contact -Aesthetics
Hoyts Pond (94070)	MA94070_2004	Plymouth	19.5 acres	-Secondary Contact -Aesthetics
Indian Head Pond (94071)	MA94071_2004	Hanson	119 acres	-Secondary Contact -Aesthetics
Island Pond (94074)	MA94074_2004	[West of Cedarville] Plymouth	51.8 acres	-Secondary Contact -Aesthetics
Island Pond (94076)	MA94076_2004	[North East of Flagg Hill] Plymouth	12.1 acres	-Secondary Contact -Aesthetics
Little Herring Pond (94082)	MA94082_2004	Plymouth	81.2 acres	-Secondary Contact -Aesthetics
Little Pond (94182)	MA94182_2004	Plymouth	40.5 acres	-Secondary Contact -Aesthetics
Little Sandy Bottom Pond (94085)	MA94085_2004	Pembroke	56.1 acres	-Secondary Contact -Aesthetics
Little South Pond (94087)	MA94087_2004	Plymouth	62.8 acres	-Secondary Contact -Aesthetics
Lout Pond (94090)	MA94090_2004	Plymouth	17.8 acres	-Secondary Contact -Aesthetics
Maquan Pond (94096)	MA94096_2004	Hanson	45.0 acres	-Secondary Contact -Aesthetics
Morey Hole (94102)	MA94102_2004	Plymouth	22.5 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Round Pond (94131)	MA94131_2004	Duxbury	6.8 acres	-Secondary Contact -Aesthetics
Savery Pond (94136)	MA94136_2004	Plymouth	28.9 acres	-Secondary Contact -Aesthetics
Silver Lake (94143)	MA94143_2004	Pembroke/Plympton/Kingston	617 acres	-Secondary Contact -Aesthetics
Studleys Pond (94151)	MA94151_2004	Rockland	25.5 acres	-Secondary Contact -Aesthetics
Triangle Pond (94160)	MA94160_2004	Plymouth	14.2 acres	-Secondary Contact -Aesthetics
West Chandler Pond (94170)	MA94170_2004	Pembroke	9.8 acres	-Secondary Contact -Aesthetics
<b>Taunton</b>				
Assawompset Pond (62003)	MA62003_2004	Lakeville/Middleborough	2034 acres	-Secondary Contact -Aesthetics
Briggs Pond (62021)	MA62021_2004	Sharon	18.6 acres	-Secondary Contact -Aesthetics
Broad Cove (62022)	MA62022_2004	Dighton/Somerset	80.6 acres	-Secondary Contact -Aesthetics
Canoe River (6235850)	MA62-27_2004	Headwaters in wetland east of Cow Hill, Sharon to inlet Winnecunnet Pond, Norton.	14.7 miles	-Aquatic Life
Cooper Pond (62046)	MA62046_2004	Carver	21.6 acres	-Secondary Contact -Aesthetics
Great Quittacas Pond (62083)	MA62083_2004	Lakeville/Middleborough/Rochester	1124 acres	-Secondary Contact -Aesthetics
Johns Pond (62096)	MA62096_2004	Carver	21.3 acres	-Secondary Contact -Aesthetics
Little Quittacas Pond (62107)	MA62107_2004	Lakeville/Rochester	295 acres	-Secondary Contact -Aesthetics
Muddy Pond (62126)	MA62126_2004	Halifax	13.0 acres	-Secondary Contact -Aesthetics
Nemasket River (6236225)	MA62-25_2004	Outlet Assawompset Pond, Lakeville/Middleborough to Middleborough WWTP, Middleborough.	6.0 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Pocksha Pond (62145)	MA62145_2004	Lakeville/Middleborough	592 acres	-Secondary Contact -Aesthetics
Puds Pond (62151)	MA62151_2004	Sharon/Easton	22.6 acres	-Secondary Contact -Aesthetics
The Reservoir (62189)	MA62189_2004	Lakeville	23.0 acres	-Secondary Contact -Aesthetics
Robbins Pond (62162)	MA62162_2004	East Bridgewater	124 acres	-Secondary Contact -Aesthetics
Sassaquin Pond (62232)	MA62232_2004	New Bedford	35.8 acres	-Secondary Contact -Aesthetics
Sunset Lake (62184)	MA62184_2004	Foxborough	13.5 acres	-Secondary Contact -Aesthetics



## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Wolomolopoag Pond (62216)	MA62216_2004	Sharon	12.5 acres	-Secondary Contact -Aesthetics
<b>Ten Mile</b>				
Fourmile Brook (5233700)	MA52-10_2004	Outlet Manchester Pond Reservoir to inlet Orrs Pond, Attleboro.	1.0 miles	-Aesthetics
Greenwood Lake (52017)	MA52017_2004	Mansfield/N. Attleboro	97.1 acres	-Secondary Contact -Aesthetics
Hoppin Hill Reservoir (52021)	MA52021_2004	North Attleboro	22.0 acres	-Secondary Contact -Aesthetics
Manchester Pond Reservoir (52026)	MA52026_2004	Attleboro	238 acres	-Secondary Contact -Aesthetics
Whiting Pond (52042)	MA52042_2004	North Attleboro/Plainville	23.6 acres	-Secondary Contact -Aesthetics
<b>Westfield</b>				
Ashley Cutoff (32001)	MA32001_2004	Holyoke	30.7 acres	-Secondary Contact -Aesthetics
Ashley Pond (32002)	MA32002_2004	Holyoke	133 acres	-Secondary Contact -Aesthetics
Borden Brook Reservoir (32011)	MA32011_2004	Granville/Blandford	211 acres	-Secondary Contact -Aesthetics
Buckley-Dunton Lake (32013)	MA32013_2004	Becket	154 acres	-Secondary Contact -Aesthetics
Center Pond (32015)	MA32015_2004	Becket	114 acres	-Secondary Contact -Aesthetics
Clear Pond (32077)	MA32077_2004	Holyoke	9.8 acres	-Primary Contact -Secondary Contact -Aesthetics
Cobble Mountain Reservoir (32018)	MA32018_2004	Blandford/Granville/Russel	1034 acres	-Secondary Contact -Aesthetics
Depot Brook (3210600)	MA32-17_2004	Source in Washington (north of Beach Road) to confluence with Yokum Brook in Becket, to form the West Branch Westfield River.	6.0 miles	-Secondary Contact -Aesthetics
Garnet Lake (32037)	MA32037_2004	Peru	17.5 acres	-Secondary Contact -Aesthetics
Granville Reservoir (32038)	MA32038_2004	Granville	73.8 acres	-Secondary Contact -Aesthetics
Hammond Pond (32040)	MA32040_2004	Goshen	38.0 acres	-Secondary Contact -Aesthetics
Littleville Lake (32046)	MA32046_2004	Chester/Huntington	255 acres	-Secondary Contact -Aesthetics
McLean Reservoir (32050)	MA32050_2004	Holyoke	55.2 acres	-Secondary Contact -Aesthetics
Meadow Brook (3211925)	MA32-11_2004	From outlet of unnamed pond in Plainfield, south of Route 116, to confluence with Westfield River, Cummington.	4.6 miles	-Primary Contact -Secondary Contact -Aesthetics



## Massachusetts Category 2 Waters

### "Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	USES ATTAINED
Middle Branch Westfield River (3210725)	MA32-02_2004	Source in Peru Wildlife Management Area to Littleville Dam, Huntington.	16.9 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Middle Branch Westfield River (3210725)	MA32-03_2004	Littleville Dam to confluence with Westfield River, Huntington.	1.1 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Norwich Pond (32054)	MA32054_2004	Huntington	116 acres	-Secondary Contact -Aesthetics
Robin Hood Lake (32057)	MA32057_2004	Becket	63.6 acres	-Secondary Contact -Aesthetics
Rudd Pond (32060)	MA32060_2004	Becket	71.9 acres	-Secondary Contact -Aesthetics
Russell Pond (32061)	MA32061_2004	Russell	82.2 acres	-Secondary Contact -Aesthetics
Scout Pond (32063)	MA32063_2004	Chesterfield	36.8 acres	-Secondary Contact -Aesthetics
Shaker Mill Brook (3210625)	MA32-18_2004	Source in October Mountain State Forest in Washington to confluence with Depot Brook in Becket.	4.2 miles	-Primary Contact -Secondary Contact -Aesthetics
Wards Stream (3211175)	MA32-15_2004	Source in Worthington, southeast of Knowles Hill, to confluence with Watts Stream to form the Little River at Ringville in Worthington.	5.2 miles	-Aquatic Life
Watts Stream (3211150)	MA32-14_2004	Source in Worthington near West Hill to confluence with Wards Stream to form the Little River at Ringville in Worthington.	5.2 miles	-Primary Contact -Secondary Contact -Aesthetics
West Branch Westfield River (3210075)	MA32-01_2004	Source formed by confluence of Depot Brook and Yokum Brook in Becket to confluence with Westfield River, Huntington.	17.6 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Westfield Reservoir (32074)	MA32074_2004	Montgomery	40.0 acres	-Secondary Contact -Aesthetics
Westfield River (3208250)	MA32-04_2004	Confluence of Drowned Land Brook and Center Brook in Savoy to confluence with Middle Branch Westfield River, Huntington.	33.2 miles	-Aquatic Life -Primary Contact -Secondary Contact -Aesthetics
Wright Pond (32078)	MA32078_2004	Holyoke	25.7 acres	-Primary Contact -Secondary Contact -Aesthetics
Yokum Brook (3210550)	MA32-19_2004	Source at outlet of Buckley-Duton Lake (east of Walling Mountain) to confluence with Depot Brook (to form West Branch Westfield River) in Becket.	4.0 miles	-Primary Contact -Secondary Contact -Aesthetics
Yokum Pond (32079)	MA32079_2004	Becket	97.7 acres	-Secondary Contact -Aesthetics

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
<b>Blackstone</b>			
Bazely Pond (51008)	MA51008_2004	Uxbridge	1.1 acres
Bell Pond (51009)	MA51009_2004	Worcester	10.3 acres
Brooklawn Parkway Pond (51195)	MA51195_2004	Shrewsbury	2.3 acres
Chase Pond (51017)	MA51017_2004	Douglas	11.1 acres
Chockalog Pond (51018)	MA51018_2004	Uxbridge	11.2 acres
Cider Millpond (51019)	MA51019_2004	Grafton	4.8 acres
City Pond (51021)	MA51021_2004	Leicester	3.0 acres
Clark Reservoir (51022)	MA51022_2004	Sutton	29.0 acres
Crane Pond (51030)	MA51030_2004	Blackstone	1.3 acres
Crystal Lake (51031)	MA51031_2004	Douglas	96.0 acres
Dark Brook Pond (51034)	MA51034_2004	Sutton	18.3 acres
Doctors Pond (51194)	MA51194_2004	Uxbridge	0.91 acres
Dudley Pond (51041)	MA51041_2004	Douglas	8.2 acres
Fisherville Pond (51048)	MA51048_2004	Grafton	37.6 acres
Hales Pond (51057)	MA51057_2004	Wrentham	3.8 acres
Hathaway Pond (51059)	MA51059_2004	Millbury/Sutton	7.8 acres
Lake Hiawatha (51062)	MA51062_2004	Bellingham/Blackstone	58.1 acres
Houghton Pond (51067)	MA51067_2004	Uxbridge	2.0 acres
Howe Pond (51069)	MA51069_2004	Millbury	4.4 acres
Hunt Pond (51072)	MA51072_2004	Douglas	2.0 acres
Joels Pond (51076)	MA51076_2004	Uxbridge	11.3 acres
Joes Rock Pond (51077)	MA51077_2004	Wrentham	12.4 acres
Lee Reservoir (51086)	MA51086_2004	Uxbridge	9.9 acres
Martin Street Pond (51095)	MA51095_2004	Douglas	3.1 acres
Merrill Pond No. 3 (51098)	MA51098_2004	Sutton	12.7 acres
Merrill Pond No. 4 (51099)	MA51099_2004	Sutton	19.8 acres
Mill Pond (51102)	MA51102_2004	Hopedale/Milford/Upton	19.6 acres
Nipmuck Pond (51111)	MA51111_2004	Mendon	84.6 acres
Number 2 Pond (51115)	MA51115_2004	Sutton	9.2 acres
Peabody Pond (51119)	MA51119_2004	Uxbridge	6.6 acres
Poor Farm Brook (5132575)	MA51-17_2004	Headwaters, West Boylston to the inlet of Shirley Street Pond, Shrewsbury.	4.4 miles
Pout Pond (51121)	MA51121_2004	Uxbridge	9.0 acres
Pout Pond (51122)	MA51122_2004	Boylston	14.0 acres
Pratts Pond (51124)	MA51124_2004	Grafton	4.1 acres
Quinsigamond River (5132425)	MA51-09_2004	Outlet Flint Pond to confluence with Blackstone River, Grafton.	5.7 miles
Ramshorn Pond (51126)	MA51126_2004	Sutton/Millbury	131 acres
Schoolhouse Pond (51144)	MA51144_2004	Sutton	6.7 acres
Sewall Pond (51191)	MA51191_2004	Boylston	12.7 acres
Silver Hill Pond (51149)	MA51149_2004	Milford	5.7 acres
Silver Lake (51150)	MA51150_2004	Bellingham	42.3 acres
Slaughterhouse Pond (51153)	MA51153_2004	Millbury/Sutton	10.2 acres
Stump Pond (51162)	MA51162_2004	Oxford	19.9 acres
Taft Pond (51165)	MA51165_2004	Upton	10.6 acres
Town Farm Pond (51168)	MA51168_2004	Sutton	6.1 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Wallum Lake (51172)	MA51172_2004	Douglas/Burrillville, R.I.	252 acres
Whitin Reservoir (51179)	MA51179_2004	Douglas	342 acres
Windle Pond (51184)	MA51184_2004	Grafton/Shrewsbury	3.7 acres
<b>Boston Harbor: Mystic</b>			
Bellevue Pond (71004)	MA71004_2004	Medford	2.1 acres
Hills Pond (71018)	MA71018_2004	Arlington	2.2 acres
<b>Boston Harbor: Neponset</b>			
Blue Hills Reservoir (73004)	MA73004_2004	Quincy	12.2 acres
Bubbling Brook (7341625)	MA73-11_2004	Headwaters at small unnamed pond north of Rt. 109 and Dover/Walpole/Westwood town lines to inlet Pettee Pond, Walpole/Westwood border.	1.3 miles
Buckmaster Pond (73006)	MA73006_2004	Westwood	34.3 acres
Crackrock Pond (73010)	MA73010_2004	Foxborough	2.7 acres
Flynns Pond (73019)	MA73019_2004	Medfield	7.5 acres
Glen Echo Pond (73022)	MA73022_2004	Canton/Stoughton	15.8 acres
Hammer Shop Pond (73023)	MA73023_2004	Sharon	2.2 acres
Jewells Pond (73026)	MA73026_2004	Medfield	3.7 acres
Lymans Pond (73021)	MA73021_2004	Westwood	25.1 acres
Sprague Pond (73053)	MA73053_2004	Boston/Dedham	7.4 acres
Steep Hill Brook (7341500)	MA73-18_2004	Outlet of Pinewood Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	0.89 miles
Tubwreck Brook (7341700)	MA73-07_2004	Headwaters - small unnamed pond southeast of Powissett Street, Dover to confluence with Mill Brook just southwest of Dover/Medfield border.	1.6 miles
Unnamed Tributary (7341580)	MA73-14_2004	Outlet Willet Pond, Walpole, to inlet Ellis Pond, Norwood.	0.35 miles
Unnamed Tributary (7341645)	MA73-10_2004	Outlet Turner Pond to confluence with Neponset River, Walpole.	0.38 miles
<b>Boston Harbor: Weymouth &amp; Weir</b>			
Farm River (7442225)	MA74-07_2004	From confluence with Blue Hill River and unnamed outlet of Great Pond to confluence with Cochato River forming headwaters of Monaquot River, Braintree.	3.0 miles
Hoosicwhisick Pond (74015)	MA74015_2004	Milton	23.1 acres
Old Quincy Reservoir (74017)	MA74017_2004	Braintree	26.7 acres
Sunset Lake (74020)	MA74020_2004	Braintree	57.7 acres
Trout Brook (7442550)	MA74-12_2004	Headwaters southwest of South Street, Holbrook to inlet Lake Holbrook, Holbrook.	1.2 miles
Whitmans Pond (74025)	MA74025_2004	Weymouth	147 acres
<b>Buzzards Bay</b>			
Abner Pond (95001)	MA95001_2004	Plymouth	8.9 acres
Agawam River (9558725)	MA95-28_2004	Outlet Mill Pond to Wareham WWTP, Wareham.	0.60 miles
Bates Pond (95007)	MA95007_2004	Carver	19.0 acres
Big Rocky Pond (95119)	MA95119_2004	(Rocky Pond) Plymouth	18.1 acres
Big Sandy Pond (95011)	MA95011_2004	Plymouth	133 acres
Blackmore Reservoir (95015)	MA95015_2004	Wareham	42.8 acres
Buttonwood Park Pond (95020)	MA95020_2004	New Bedford	11.5 acres
Cedar Dell Lake (95021)	MA95021_2004	Dartmouth	22.9 acres
Deer Pond (95036)	MA95036_2004	Plymouth	8.7 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Dicks Pond (95038)	MA95038_2004	Wareham	41.8 acres
Dunham Pond (95044)	MA95044_2004	Carver	42.8 acres
East Head Pond (95177)	MA95177_2004	Carver/Plymouth	91.5 acres
Ezekiel Pond (95051)	MA95051_2004	Plymouth	35.6 acres
Fawn Pond (95053)	MA95053_2004	Plymouth/Carver	43.7 acres
Five Mile Pond (95056)	MA95056_2004	Plymouth	21.8 acres
Gallows Pond (95059)	MA95059_2004	Plymouth	49.1 acres
Halfway Pond (95178)	MA95178_2004	(On October 9 1997, PALIS ID was changed from 94057 to 95178; therefor, this pond historically reported in South Coastal "94") Plymouth	215 acres
Horseshoe Pond (95075)	MA95075_2004	Wareham	59.1 acres
Kings Pond (95078)	MA95078_2004	Plymouth	22.2 acres
Leonards Pond (95080)	MA95080_2004	Rochester	49.4 acres
Little Long Pond (95088)	MA95088_2004	Plymouth	47.7 acres
Little Long Pond (95089)	MA95089_2004	Wareham	12.4 acres
Little Rocky Pond (95091)	MA95091_2004	Plymouth	9.5 acres
Little Sandy Pond (95092)	MA95092_2004	Plymouth	28.9 acres
Little West Pond (95093)	MA95093_2004	Plymouth	24.5 acres
Long Duck Pond (95095)	MA95095_2004	Plymouth	21.8 acres
Long Pond (95096)	MA95096_2004	Plymouth	208 acres
Mare Pond (95172)	MA95172_2004	Plymouth	12.5 acres
Marys Pond (95100)	MA95100_2004	Rochester	81.2 acres
Mattapoissett River (9559425)	MA95-36_2004	Outlet Snipatuit Pond, Rochester to River Road Bridge, Mattapoissett.	10.0 miles
Micajah Pond (95102)	MA95102_2004	Plymouth	20.2 acres
Paskamanset River (9559900)	MA95-11_2004	Outlet Turners Pond Dartmouth/New Bedford to confluence with Slocums River, Dartmouth.	10.3 miles
Rocky Meadow Brook Pond (95118)	MA95118_2004	Carver	11.0 acres
Rocky Pond (95179)	MA95179_2004	Plymouth	20.4 acres
Round Pond (95123)	MA95123_2004	Plymouth	20.2 acres
Sand Pond (95127)	MA95127_2004	Wareham	14.4 acres
Sandy Pond (95128)	MA95128_2004	Wareham	15.3 acres
Shingle Island River (9560175)	MA95-12_2004	Old Fall River Road bridge to inlet Noquochoke Lake, Dartmouth.	2.5 miles
Sippican River (9558950)	MA95-06_2004	Outlet Leonards Pond, Rochester to County Road, Marion/Wareham.	3.6 miles
South Meadow Brook Pond (95139)	MA95139_2004	Carver	24.8 acres
South Meadow Pond (95140)	MA95140_2004	Carver	22.2 acres
Southwest Atwood Bog Pond (95141)	MA95141_2004	Carver	11.6 acres
Spectacle Pond (95142)	MA95142_2004	Wareham	41.5 acres
Three Cornered Pond (95145)	MA95145_2004	Plymouth	12.3 acres
Tinkham Pond (95148)	MA95148_2004	Mattapoissett/Acushnet	16.6 acres
Union Pond (95152)	MA95152_2004	Wareham	17.0 acres
Unnamed Tributary (9560180)	MA95-57_2004	Outlet Cornell Pond, Dartmouth to confluence with Shingle Island River, Dartmouth.	1.0 miles
Wankinco River (9558800)	MA95-30_2004	Outlet East Head Pond, Carver/Plymouth (follows border/through cranberry bogs) to Elm Street bridge, Wareham.	6.4 miles
Whites Pond (95168)	MA95168_2004	Plymouth	33.7 acres
<b>Cape Cod</b>			
Baker Pond (96008)	MA96008_2004	Orleans	26.9 acres
Cedar Lake (96344)	MA96344_2004	Falmouth	20.1 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Clapps Pond (96035)	MA96035_2004	Provincetown	39.9 acres
Cliff Pond (96039)	MA96039_2004	Brewster	192 acres
Depot Pond (96061)	MA96061_2004	Eastham	25.4 acres
Lake Elizabeth (96080)	MA96080_2004	Barnstable	5.8 acres
Flax Pond (96087)	MA96087_2004	Bourne	20.1 acres
Flax Pond (96090)	MA96090_2004	Dennis	15.1 acres
Goose Pond (96106)	MA96106_2004	Chatham	35.4 acres
Great Pond (96114)	MA96114_2004	Truro	17.0 acres
Gull Pond (96123)	MA96123_2004	Wellfleet	103 acres
Herring Pond (96133)	MA96133_2004	Eastham	42.3 acres
Hinckleys Pond (96140)	MA96140_2004	Harwich	163 acres
Hoxie Pond (96146)	MA96146_2004	Sandwich	7.7 acres
Long Pond (96179)	MA96179_2004	Wellfleet	34.3 acres
Long Pond (96180)	MA96180_2004	Yarmouth	54.2 acres
Miss Thachers Pond (96258)	MA96258_2004	Yarmouth	6.4 acres
Nye Pond (96228)	MA96228_2004	Sandwich	5.8 acres
Pilgrim Lake (96246)	MA96246_2004	Orleans	38.1 acres
Scargo Lake (96279)	MA96279_2004	Dennis	54.7 acres
Schoolhouse Pond (96281)	MA96281_2004	Chatham	20.1 acres
Shallow Pond (96285)	MA96285_2004	Barnstable	76.1 acres
Shawme Lake Lower (96288)	MA96288_2004	Sandwich	24.3 acres
Shubael Pond (96293)	MA96293_2004	Barnstable	54.8 acres
Upper Shawme Lake (96326)	MA96326_2004	Sandwich	21.0 acres
Village Pond (96329)	MA96329_2004	Truro	2.7 acres
<b>Charles</b>			
Beaver Brook (7240350)	MA72-12_2004	Outlet Beaver Pond north of Route 126 (Hartford Avenue) to confluence with Charles River, Bellingham.	1.4 miles
Beaver Pond (72004)	MA72004_2004	Bellingham/Milford	86.7 acres
Brookline Reservoir (72010)	MA72010_2004	Brookline	21.1 acres
Halls Pond (72043)	MA72043_2004	Brookline	0.57 acres
Hammond Pond (72044)	MA72044_2004	Newton	22.4 acres
Highland Lake (72047)	MA72047_2004	Norfolk	15.3 acres
Little Farm Pond (72064)	MA72064_2004	Sherborn	23.6 acres
Louisa Lake (72068)	MA72068_2004	Milford	7.7 acres
Lake Pearl (72092)	MA72092_2004	Wrentham	237 acres
South End Pond (72109)	MA72109_2004	Millis	29.5 acres
Todd Pond (72117)	MA72117_2004	Lincoln	9.3 acres
Uncas Pond (72122)	MA72122_2004	Franklin	17.3 acres
Walker Pond (72126)	MA72126_2004	Millis	9.0 acres
Waseeka Sanctuary Pond (72155)	MA72155_2004	Holliston	17.1 acres
Weld Pond (72131)	MA72131_2004	Dedham	26.8 acres
Weston Station Pond (72135)	MA72135_2004	Weston	37.5 acres
<b>Chicopee</b>			
Adams Pond (36001)	MA36001_2004	Oakham	30.0 acres
Bemis Road Pond (36012)	MA36012_2004	Hubbardston	16.4 acres
Bennett Street Pond (36014)	MA36014_2004	Palmer	6.0 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Brooks Pond (36022)	MA36022_2004	Petersham	86.4 acres
Calkins Brook (3625225)	MA36-26_2004	Headwaters, southeast of Baptist Hill, Palmer to confluence with Twelvemile Brook, Wilbraham.	3.1 miles
Carter Pond (36029)	MA36029_2004	Petersham	44.4 acres
Chicopee Brook (3625475)	MA36-21_2004	Headwaters, east of Peaked Mountain, Monson to confluence with Quaboag River, Monson.	10.3 miles
Chicopee Brook Pond (36031)	MA36031_2004	Monson	8.8 acres
Cloverdale Street Pond (36036)	MA36036_2004	Rutland	19.4 acres
Comins Pond (36037)	MA36037_2004	Warren	26.0 acres
Cranberry Meadow Pond (36040)	MA36040_2004	Spencer/Charlton	68.8 acres
Cunningham Pond (36044)	MA36044_2004	Hubbardston	27.0 acres
Cusky Pond (36045)	MA36045_2004	New Braintree	28.4 acres
Dimmock Pond (36053)	MA36053_2004	Springfield	8.7 acres
Dunn Brook (3626175)	MA36-19_2004	From confluence with Forget-Me-Not Brook, East Brookfield/Brookfield to confluence with Quaboag River, Brookfield.	2.5 miles
East Brookfield River (3626225)	MA36-13_2004	Outlet Lake Lashaway to Quaboag Pond, East Brookfield.	2.4 miles
Edson Pond (36180)	MA36180_2004	Rutland	35.7 acres
Fivemile Pond South (36182)	MA36182_2004	Springfield	3.9 acres
Gaston Pond (36065)	MA36065_2004	Barre	15.3 acres
Harris Pond (36067)	MA36067_2004	Ludlow	13.7 acres
Howe Pond (36073)	MA36073_2004	Spencer	12.5 acres
Lovewell Pond (36085)	MA36085_2004	Hubbardston	81.6 acres
Moose Hill Reservoir (36179)	MA36179_2004	Spencer/Leicester	52.1 acres
Moulton Pond (36098)	MA36098_2004	Rutland	64.8 acres
Muddy Pond (36102)	MA36102_2004	Oakham/Rutland	23.2 acres
Murphy Pond (36103)	MA36103_2004	Ludlow	6.1 acres
Peppers Mill Pond (36121)	MA36121_2004	Ware	11.3 acres
Quaboag River (3625450)	MA36-14_2004	Outlet of Quaboag Pond, Brookfield to Route 67 bridge, West Brookfield.	6.7 miles
South Barre Reservoir (36141)	MA36141_2004	Barre	19.0 acres
Stone Bridge Pond (36148)	MA36148_2004	Templeton	32.1 acres
Swift River (3626525)	MA36-10_2004	Upper Bondsville Mill Dam, Belchertown/Palmer to confluence with Ware River, Palmer.	3.9 miles
Thayer Pond (36181)	MA36181_2004	Rutland	45.9 acres
Town Barn Beaver Pond (36156)	MA36156_2004	Petersham	19.5 acres
Williamsville Pond (36167)	MA36167_2004	Hubbardston	56.8 acres
<b>Concord</b>			
Clamshell Pond (82018)	MA82018_2004	Clinton	24.3 acres
Elm Street Pond (82032)	MA82032_2004	Chelmsford	65.6 acres
Farrar Pond (82036)	MA82036_2004	Lincoln	83.0 acres
Fiske Street Pond (82037)	MA82037_2004	Carlisle	37.6 acres
Gates Pond Brook (8247350)	MA82B-10_2004	Outlet of Gates Pond to confluence with Assabet River, Berlin.	1.1 miles
Gleasons Pond (82048)	MA82048_2004	Framingham	10.5 acres
Ice House Pond (82066)	MA82066_2004	Acton	11.2 acres
Nashoba Brook (8246875)	MA82B-14_2004	Source just south of Route 110 in Westford to confluence with Fort Pond Brook, Concord.	10.1 miles
Pantry Brook (8247700)	MA82A-19_2004	Source west of Haynes Road to confluence with Sudbury River, North Sudbury.	3.2 miles
Second Division Brook (8247075)	MA82B-09_2004	Headwaters, Maynard to confluence with Assabet River, West Concord.	2.9 miles
Smith Pond (82099)	MA82099_2004	Northborough	15.6 acres
Spencer Brook (8246825)	MA82B-15_2004	Outlet of unnamed pond, Carlisle north of Bellows Hill to inlet Angiers Pond, Concord.	5.1 miles



## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Sudbury River (8247650)	MA82A-01_2004	Source to Fruit Street Bridge, Hopinton.	1.9 miles
Taylor Brook (8247100)	MA82B-08_2004	Outlet Puffer Pond to confluence with Assabet River, Maynard.	1.8 miles
Tripp Pond (82107)	MA82107_2004	Hudson	3.5 acres
Unnamed Tributary (8246605)	MA82A-21_2004	Outlet of Heart Pond to inlet Russell Millpond, Chelmsford.	4.1 miles
West Pond (82115)	MA82115_2004	Bolton	19.0 acres
Willis Lake (82122)	MA82122_2004	Sudbury	67.3 acres
<b>Connecticut</b>			
Bachelor Brook (3418000)	MA34-07_2004	Outlet Forge Pond Granby to confluence with Connecticut River, South Hadley.	11.7 miles
Brickyard Brook (3418625)	MA34-13_2004	Headwaters to confluence with Manhan River, Westfield.	2.2 miles
Broad Brook (3418300)	MA34-18_2004	Headwaters, Holyoke to inlet Nashawannuck Pond, Easthampton.	9.3 miles
Cooley Brook (3417550)	MA34-20_2004	Headwaters to confluence with Connecticut River, Longmeadow.	1.4 miles
Danks Pond (34019)	MA34019_2004	Northampton/Easthampton	2.8 acres
Factory Hollow Pond (34021)	MA34021_2004	Amherst	11.9 acres
Fort River (3419425)	MA34-27_2004	Headwaters (confluence of Adams and Amethyst Brooks, Amherst), to confluence Connecticut River, Hadley.	12.8 miles
Ingraham Brook Pond (34037)	MA34037_2004	Granby	4.6 acres
Long Plain Brook (3420350)	MA34-09_2004	Headwaters, Leveret/Sunderland town line to confluence with Russellville Brook at Route 116, Sunderland.	5.0 miles
Longmeadow Brook (3417400)	MA34-21_2004	Headwaters to confluence with Connecticut River, Longmeadow.	4.6 miles
Manhan River (3418175)	MA34-10_2004	Headwaters, northeast of Norwich Pond, Huntington to outlet Tighe Carmody Reservoir, Southampton.	8.5 miles
Manhan River (3418175)	MA34-11_2004	Outlet Tighe Carmody Reservoir, Southampton to confluence with Connecticut River, Easthampton.	19.2 miles
Mill River (3417625)	MA34-29_2004	Headwaters, outlet Watershops Pond to confluence with Connecticut River, Springfield. (Interrupted stream)	1.3 miles
Mill River (3418825)	MA34-28_2004	Headwaters (Confluence of East and West branch Mill Rivers, Williamsburg), to inlet Paradise Pond, Northampton.	9.6 miles
Mill River (3420175)	MA34-25_2004	Headwaters, outlet Factory Hollow Pond, Amherst to inlet Lake Warner, Hadley.	5.2 miles
Mill River Diversion (3418800)	MA34-32_2004	Headwaters, outlet Paradise Pond to confluence with Oxbow (east of Old Springfield Road), Northampton.	2.6 miles
Moose Brook (3418575)	MA34-17_2004	Headwaters, Westfield to confluence with Manhan River, Southampton.	3.2 miles
Plympton Brook Pond (34071)	MA34071_2004	Wendell	4.9 acres
Potash Brook (3418550)	MA34-12_2004	Headwaters to confluence with Manhan River, Southampton.	1.6 miles
Raspberry Brook (3417375)	MA34-22_2004	From Connecticut state line to confluence with Connecticut River, Longmeadow.	1.8 miles
Sawmill River (3420550)	MA34-26_2004	Headwaters, outlet Lake Wyola, Shutesbury to confluence with Connecticut River, Montague.	13.0 miles
Sawyer Ponds (34078)	MA34078_2004	[North Basin] Northfield	9.3 acres
Scantic River (3417125)	MA34-30_2004	Massachusetts/Connecticut border, Monson downstream to the Massachusetts/Connecticut border, Hampden.	9.6 miles
Silver Lake (34084)	MA34084_2004	Agawam	8.7 acres
Stony Brook (3417925)	MA34-19_2004	Headwaters, Granby to confluence with Connecticut River, South Hadley.	13.6 miles
Temple Brook (3417275)	MA34-08_2004	Headwaters, outlet Bradley Pond, Monson to confluence with Scantic River, Hampden.	3.8 miles
Tripple Brook (3418525)	MA34-16_2004	Headwaters to confluence with Manhan River, Southampton.	1.8 miles
Unnamed Tributary (3420160)	MA34-31_2004	Headwater, outlet Lake Warner to confluence with Connecticut River, Hadley.	0.54 miles
White Brook (3418275)	MA34-14_2004	Headwaters to inlet Nashawannuck Pond, Easthampton.	2.5 miles
Wilton Brook (3418250)	MA34-15_2004	Headwaters to inlet Williston Pond, Easthampton.	1.6 miles
<b>Deerfield</b>			
Ashfield Pond (33001)	MA33001_2004	Ashfield	38.0 acres
Bog Pond (33003)	MA33003_2004	Savoy	35.0 acres
Bozrah Brook (3315325)	MA33-13_2004	Headwaters, located west of East Hawley Road, Hawley (drains wetland) to confluence with Deerfield River, Charlemont.	3.0 miles
Burnett Pond (33005)	MA33005_2004	Savoy	17.7 acres
Dragon Brook (3313875)	MA33-20_2004	Headwaters north of Patten Road, Shelburne to confluence with the Deerfield River, Shelburne	4.4 miles

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Fox Brook Upper Reservoir (33006)	MA33006_2004	Colrain	3.0 acres
Goodnow Road Pond (33007)	MA33007_2004	Buckland	10.9 acres
Hallockville Pond (33009)	MA33009_2004	Plainfield/Hawley	18.6 acres
Highland Pond (33032)	MA33032_2004	Greenfield	2.1 acres
Hinsdale Brook (3313175)	MA33-21_2004	Headwaters east of Mill Road, Shelburne to confluence with Punch Brook, Greenfield	2.8 miles
Lower Reservoir (33028)	MA33028_2004	Rowe/Florida	107 acres
Maynard Pond (33011)	MA33011_2004	Greenfield	3.2 acres
McLeod Pond (33012)	MA33012_2004	Colrain	41.3 acres
Mt. Brook Reservoir (33024)	MA33024_2004	Colrain	1.5 acres
Newell Pond (33013)	MA33013_2004	Greenfield	0.93 acres
Papoose Lake (33023)	MA33023_2004	Heath	14.1 acres
Pelham Lake (33016)	MA33016_2004	Rowe	79.5 acres
Phelps Brook Reservoir (33030)	MA33030_2004	Monroe	** acres
Shingle Brook (3313850)	MA33-22_2004	Headwaters north of Guy Manners Road, Shelburne to confluence with the Deerfield River, Deerfield.	2.8 miles
Smith Brook (3314800)	MA33-26_2004	Headwaters, outlet Upper Reservoir, Ashfield to confluence with Clesson Brook, Buckland.	2.7 miles
South River Impoundment (33022)	MA33022_2004	Conway	2.3 acres
Upper Greenfield Reservoir (33021)	MA33021_2004	Leyden	5.7 acres
Upper Highland Springs Reservoir (33025)	MA33025_2004	Ashfield	2.5 acres
Upper Reservoir Bear Swamp (33026)	MA33026_2004	Rowe	108 acres
<b>Farmington</b>			
Creek Pond (31009)	MA31009_2004	(Watson Pond) Otis	51.7 acres
Dimmock Brook (3107400)	MA31-10_2004	Outlet of unnamed pond near intersection of Route 23 and Gibbs Road, Otis to confluence with West Branch Farmington River.	1.0 miles
Dimmock Brook Pond (31010)	MA31010_2004	Otis	15.2 acres
Hayden Pond (31016)	MA31016_2004	Otis	28.0 acres
Thomas Brook (3107450)	MA31-06_2004	Outlet Thomas Pond, Becket to confluence with unnamed tributary, Otis.	0.82 miles
Unnamed Tributary (3107445)	MA31-07_2004	Outlet Shaw Pond, Becket/Otis to inlet Hayden Pond, Otis.	0.89 miles
Unnamed Tributary (3107530)	MA31-05_2004	Source in wetlands south of Route 90 and east of Route 8 to inlet Shaw Pond, Becket.	1.3 miles
Ward Pond (31047)	MA31047_2004	Becket	27.2 acres
<b>French</b>			
Ballard Hill Pond (42069)	MA42069_2004	Leicester	1.3 acres
Bartons Brook (4230425)	MA42-08_2004	Outlet Stiles Reservoir, Leicester to inlet Greenville Pond, Leicester.	1.3 miles
Burncoat Brook (4230400)	MA42-07_2004	Outlet Cedar Meadow Pond to confluence with Town Meadow Brook, Leicester.	1.2 miles
Burncoat Pond (42007)	MA42007_2004	Leicester/Spencer	115 acres
Carbuncle Pond (42008)	MA42008_2004	Oxford	11.4 acres
Easterbrook Pond (42017)	MA42017_2004	Dudley	5.4 acres
French River (4230075)	MA42-04_2004	North Oxford Dam upstream of Clara Barton Road, Oxford, to dam at North Village, Webster/Dudley.	9.7 miles
Greenville Pond West (42022)	MA42022_2004	Leicester	5.7 acres
Hayden Pond (42024)	MA42024_2004	Dudley	43.6 acres
Henshaw Pond (42025)	MA42025_2004	Leicester	36.5 acres
Hultered Pond (42072)	MA42072_2004	Charlton	3.8 acres
Little Nugget Lake (42032)	MA42032_2004	Charlton	12.9 acres
Merino Pond (42036)	MA42036_2004	Dudley	75.0 acres
Nipmuck Pond (42039)	MA42039_2004	Webster	19.6 acres



## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Putnam Pond (42046)	MA42046_2004	Charlton	19.7 acres
Slaters Pond (42053)	MA42053_2004	Oxford	105 acres
Snow Pond (42054)	MA42054_2004	Charlton	1.1 acres
Stiles Reservoir (42055)	MA42055_2004	Spencer/Leicester	309 acres
Unnamed Tributary (4230330)	MA42-12_2004	Headwaters Prospect Hill, Auburn to confluence with Wellington Brook, Oxford.	1.4 miles
Watson Millpond (42063)	MA42063_2004	Spencer	1.9 acres
Wee Laddie Pond (42065)	MA42065_2004	Charlton	6.5 acres
Wellington Brook (4230325)	MA42-11_2004	Headwaters Auburn to confluence with French River, Oxford.	3.4 miles
<b>Hoosic</b>			
Broad Brook (1100525)	MA11-23_2004	From Vermont state line at Williamstown to confluence with the Hoosic River, Williamstown.	2.2 miles
Dry Brook (1101400)	MA11-13_2004	Headwaters, west of Jackson Rd. (in Savory Wildlife Management Area) Savory to confluence with Hoosic River, Adams.	6.7 miles
Hemlock Brook (1100550)	MA11-09_2004	Headwaters, south of Route 2 in the Taconic Trail State Park to confluence with the Hoosic River, Williamstown.	7.4 miles
Mcdonald Brook (1101500)	MA11-16_2004	Source, southeast of Woodchuck Hill, Windsor to confluence with South Brook, Cheshire.	3.0 miles
Thunder Brook (1101550)	MA11-10_2004	Headwaters to confluence with Kitchen Brook, Cheshire.	2.0 miles
Tophet Brook (1101250)	MA11-19_2004	Source west of Burnett Road, Savoy (in the Savoy Mountain State Forest) to the confluence with the Hoosic River, Adams.	6.2 miles
<b>Housatonic</b>			
Card Pond (21015)	MA21015_2004	West Stockbridge	11.4 acres
Crane Lake (21025)	MA21025_2004	West Stockbridge	27.3 acres
East Indies Pond (21029)	MA21029_2004	New Marlborough	72.2 acres
Goodrich Pond (21042)	MA21042_2004	Pittsfield	15.4 acres
Mill Pond (21068)	MA21068_2004	Sheffield	112 acres
Mill Pond (21069)	MA21069_2004	Egremont	10.2 acres
Prospect Lake (21084)	MA21084_2004	Egremont	58.6 acres
Seekonk Brook (2103975)	MA21-22_2004	Outlet of small impoundment east of West Road, Alford to confluence with Green River, Great Barrington.	4.8 miles
Unnamed Tributary (2103880)	MA21-24_2004	Outlet of Mill Pond, South Egremont to confluence with Hubbard Brook, Egremont.	1.5 miles
Wahconah Falls Brook (2105400)	MA21-11_2004	Outlet of Windsor Reservoir, Windsor to the confluence with East Branch Housatonic River, Dalton.	3.4 miles
<b>Ipswich</b>			
Bear Meadow Brook (9254050)	MA92-07_2004	Headwaters in Cedar Swamp, Reading to confluence with Ipswich River, Reading/North Reading.	2.8 miles
Beaver Pond (92002)	MA92002_2004	Beverly	18.5 acres
Black Brook (9253700)	MA92-19_2004	Outlet Cutler Pond, Hamilton to confluence with Ipswich River, Hamilton.	3.6 miles
Bradford Pond (92005)	MA92005_2004	North Reading	14.2 acres
Creighton Pond (92011)	MA92011_2004	Middleton	18.7 acres
Eisenhaures Pond (92016)	MA92016_2004	North Reading	12.0 acres
Elginwood Pond (92017)	MA92017_2004	Peabody	8.5 acres
Emerson Brook Reservoir (Forest Street Pond) (92021)	MA92021_2004	Middleton	195 acres
Farnum Street Pond (92018)	MA92018_2004	North Andover	8.6 acres
Fourmile Pond (92022)	MA92022_2004	Boxford	28.7 acres
Howes Pond (92026)	MA92026_2004	Boxford	6.6 acres
Idlewild Brook (9253825)	MA92-24_2004	Outlet of Pleasant Pond, Hamilton to confluence with Ipswich River, Hamilton.	0.81 miles
Kimballs Pond (92027)	MA92027_2004	Boxford	7.5 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Long Causeway Brook (9253675)	MA92-20_2004	Headwaters near Boston & Maine Railroad, south of Pigeon Hill, Hamilton to confluence with Miles River, Hamilton/Ipswich.	1.9 miles
Longham Reservoir (92030)	MA92030_2004	Wenham	34.2 acres
Middleton Pond (92039)	MA92039_2004	Middleton	129 acres
Mile Brook (9253800)	MA92-16_2004	Headwaters, east of North Street, Topsfield to confluence with Ipswich River, Topsfield.	2.1 miles
Nichols Brook (9253900)	MA92-25_2004	Headwaters (near Rowley Hill Street and Route 95 and Newburyport Turnpike) in Danvers, to confluence with the Ipswich River, Middleton.	2.5 miles
Pierces Pond (92048)	MA92048_2004	Peabody	2.6 acres
Pleasant Pond (92049)	MA92049_2004	(Idelwood Lake) Wenham/Hamilton	26.6 acres
Putnamville Reservoir (92052)	MA92052_2004	Danvers	283 acres
Salem Street Pond (92076)	MA92076_2004	North Andover	10.6 acres
Spofford Pond (92060)	MA92060_2004	Boxford	28.1 acres
Stearns Pond (92061)	MA92061_2004	North Andover	42.9 acres
Sudden Pond (92064)	MA92064_2004	North Andover	5.2 acres
Suntaug Lake (92065)	MA92065_2004	Lynnfield/Peabody	150 acres
Swan Pond (92066)	MA92066_2004	North Reading	42.0 acres
Towne Pond (92068)	MA92068_2004	Boxford/North Andover	23.4 acres
Unnamed Tributary (9253995)	MA92-09_2004	Outlet of Eisenhaures Pond, North Reading to confluence with Ipswich River, North Reading.	1.4 miles
Upper Boston Brook Pond (92070)	MA92070_2004	Middleton	7.1 acres
Wenham Lake (92073)	MA92073_2004	Beverly	243 acres
Winona Pond (92077)	MA92077_2004	Peabody	91.4 acres
<b>Islands</b>			
Oyster Pond (97069)	MA97-13_2004	Including Ripley Cove, Edgartown, Martha's Vineyard.	0.29 sq mi
<b>Merrimack</b>			
Bailey Pond (84003)	MA84003_2004	Amesbury	12.6 acres
Beaver Brook (8451475)	MA84B-05_2004	Headwaters - Outlet of "Wolf Swamp", Boxborough to inlet of Mill Pond, Littleton.	5.4 miles
Forge Pond (84015)	MA84015_2004	Westford/Littleton	203 acres
Johnson Creek (8450550)	MA84A-15_2004	Headwaters, Groveland to confluence with Merrimack River, Groveland/Haverhill.	2.2 miles
Lawrence Brook (8451600)	MA84A-20_2004	Headwaters to confluence with Merrimack River, Tyngsborough.	2.5 miles
Lake Mascuppic (84037)	MA84037_2004	Tyngsborough/Dracut	210 acres
Mill Pond (84039)	MA84039_2004	West Newbury	17.5 acres
Trout Brook (8451050)	MA84A-13_2004	Headwaters to confluence with Richardson Brook, Dracut.	2.6 miles
Trull Brook (8451000)	MA84A-14_2004	Source to confluence with Merrimack River, Tewksbury.	2.8 miles
Uptons Pond (84075)	MA84075_2004	Tyngsborough	5.7 acres
<b>Millers</b>			
Bassett Pond (35002)	MA35002_2004	New Salem	26.0 acres
Beaver Flowage Pond (35005)	MA35005_2004	(Beaver Pond) Royalston	38.0 acres
Bents Pond (35006)	MA35006_2004	Hubbardston	28.7 acres
Bowens Pond (35009)	MA35009_2004	Wendell	16.8 acres
Cowee Pond (35013)	MA35013_2004	Gardner	18.3 acres
Crystal Lake (35014)	MA35014_2004	Gardner	142 acres
Davenport Pond (35015)	MA35015_2004	Petersham/Athol	30.4 acres
East Templeton Pond (35022)	MA35022_2004	Templeton	8.9 acres
Greenwood Pond (35025)	MA35025_2004	Westminster	27.0 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Hastings Pond (35028)	MA35028_2004	Warwick	18.3 acres
Kendall Pond (35034)	MA35034_2004	Gardner	21.9 acres
Little Pond (35037)	MA35037_2004	Royalston	10.0 acres
Lower Naukeag Lake (35041)	MA35041_2004	Ashburnham	295 acres
Minott Pond (35046)	MA35046_2004	Westminster	8.4 acres
Minott Pond South (35045)	MA35045_2004	Westminster	27.3 acres
Moores Pond (35048)	MA35048_2004	Warwick	39.1 acres
North Spectacle Pond (35052)	MA35052_2004	New Salem	42.9 acres
Packard Pond (35053)	MA35053_2004	Orange	43.1 acres
Partridgeville Pond (35057)	MA35057_2004	Templeton	37.7 acres
Perley Brook Reservoir (35059)	MA35059_2004	Gardner	54.7 acres
Phillipston Reservoir (35060)	MA35060_2004	Phillipston/Athol	19.9 acres
Reservoir No. 2 (35064)	MA35064_2004	Phillipston/Athol (Secret Lake)	48.3 acres
Riceville Pond (35065)	MA35065_2004	Athol/Petersham	61.4 acres
Richards Reservoir (35067)	MA35067_2004	Warwick	21.2 acres
Royalston Road Pond (35071)	MA35071_2004	Orange	5.3 acres
Sheomet Lake (35074)	MA35074_2004	Warwick	30.6 acres
South Spectacle Pond (35081)	MA35081_2004	New Salem	37.9 acres
Sportsmans Pond (35082)	MA35082_2004	Athol	92.7 acres
Sunset Lake (35086)	MA35086_2004	Ashburnham/Winchendon	274 acres
Tully Lake (35111)	MA35111_2004	Royalston/Athol	214 acres
Tully Pond (35089)	MA35089_2004	Orange	70.2 acres
Wallace Pond (35092)	MA35092_2004	Ashburnham	46.1 acres
Ward Pond (35093)	MA35093_2004	Athol	5.9 acres
Lake Watatic (35095)	MA35095_2004	Ashburnham	133 acres
Wheeler's Pond (35097)	MA35097_2004	Warwick	28.3 acres
Wickett Pond (35102)	MA35102_2004	Wendell	29.9 acres
Wrights Reservoir (35104)	MA35104_2004	Gardner/Westminster	131 acres
<b>Mount Hope Bay (Shore)</b>			
Cook Pond (61001)	MA61001_2004	Fall River/Tiverton, R.I.	157 acres
South Watuppa Pond (61006)	MA61006_2004	Fall River/Westport	1473 acres
<b>Nashua</b>			
Barrett Pond (81162)	MA81162_2004	Leominster	7.5 acres
Bartlett Pond (81009)	MA81009_2004	Leominster	23.2 acres
Bixby Reservoir (81010)	MA81010_2004	Townsend	20.7 acres
Catacoonamug Brook (8144525)	MA81-16_2004	Outlet Lake Shirley, Lunenburg to confluence with Nashua River, Shirley/Ayer.	3.2 miles
Coon Tree Pond (81168)	MA81168_2004	Pepperell	29.3 acres
Fall Brook (8144800)	MA81-14_2004	Outlet of Fall Brook Reservoir to confluence with North Nashua River, Leominster.	4.7 miles
Flag Brook (8145025)	MA81-10_2004	Outlet Crocker Pond, Westminster to confluence with North Nashua River, Fitchburg.	2.9 miles
Harbor Pond (81054)	MA81054_2004	Townsend	39.4 acres
Heald Pond (81056)	MA81056_2004	Pepperell	27.8 acres
James Brook (8143925)	MA81-20_2004	Headwaters, Groton to confluence with Nashua River, Ayer/Groton.	3.9 miles
Long Pond (81073)	MA81073_2004	Ayer	46.0 acres
Mirror Lake (81084)	MA81084_2004	Fitchburg	6.1 acres
Monoosnuc Brook (8144825)	MA81-13_2004	Outlet of Simonds Pond to confluence with North Nashua River, Leominster.	6.1 miles

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Mulpus Brook (8144275)	MA81-22_2004	Headwaters, Lunenburg to confluence with Nashua River, Shirley/Ayer.	11.3 miles
Nonacoicus Brook (8144325)	MA81-17_2004	Outlet Plow Shop Pond to confluence with Nashua River, Ayer.	1.4 miles
Paradise Pond (81097)	MA81097_2004	Princeton	61.0 acres
Phillips Brook (8144950)	MA81-12_2004	Outlet Winnekeag Lake, Ashburnham to confluence with North Nashua River, Fitchburg.	8.5 miles
Pierce Pond (81101)	MA81101_2004	Leominster	25.2 acres
The Quag (81170)	MA81170_2004	Sterling	31.8 acres
Round Meadow Pond (81114)	MA81114_2004	Westminster	54.3 acres
Snows Millpond (81127)	MA81127_2004	Fitchburg/Westminster	38.1 acres
South Meadow Pond (81129)	MA81129_2004	Clinton	36.6 acres
South Meadow Pond (81165)	MA81165_2004	Clinton	34.4 acres
Still River (8144625)	MA81-15_2004	Headwaters, Lancaster to confluence with Nashua River, Harvard/Lancaster.	3.2 miles
Streeter Pond (81136)	MA81136_2004	Paxton	18.4 acres
Sucker Brook (8143625)	MA81-23_2004	Outlet Coon Tree Pond to confluence with Nissitissit River, Pepperell.	4.0 miles
Upper Crow Hill Pond (81169)	MA81169_2004	Westminster	4.7 acres
Wright Pond (81159)	MA81159_2004	Ashby	21.4 acres
<b>North Coastal</b>			
Alewife Brook (9354875)	MA93-26_2004	Headwaters just north of B&M Railroad, Rockport to inlet Babson Reservoir, Gloucester.	0.94 miles
Bass River (9355175)	MA93-07_2004	Headwaters west of Wenham Lake to the outlet of Shoe Pond north of Route 62, Beverly.	2.1 miles
Beck Pond (93003)	MA93003_2004	Hamilton	34.6 acres
Browns Pond (93008)	MA93008_2004	Peabody	24.4 acres
Buswell Pond (93009)	MA93009_2004	Gloucester	4.3 acres
Crystal Lake (93018)	MA93018_2004	Wakefield/Stoneham	81.2 acres
Niles Pond (93052)	MA93052_2004	Gloucester	34.0 acres
Sluice Pond (93071)	MA93071_2004	Lynn	41.5 acres
Spring Pond (93074)	MA93074_2004	[North Basin] Peabody	17.8 acres
Unnamed Tributary (9354855)	MA93-27_2004	Outlet Babson Reservoir, Gloucester to inlet Mill Pond, Gloucester.	0.71 miles
<b>Parker</b>			
Bull Brook (9153000)	MA91-04_2004	Headwaters to inlet Bull Brook Reservoir, Ipswich.	1.4 miles
Bull Brook Reservoir (91002)	MA91002_2004	Ipswich	7.2 acres
Central Street Pond (91003)	MA91003_2004	Rowley	3.2 acres
Crane Pond (91004)	MA91004_2004	Groveland	21.5 acres
Dow Brook Reservoir (91005)	MA91005_2004	Ipswich	16.4 acres
Egypt River (9152925)	MA91-13_2004	Outlet Bull Brook Reservoir to east of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich.	1.1 miles
Little Crane Pond (91007)	MA91007_2004	West Newbury	3.9 acres
Quills Pond (91011)	MA91011_2004	Newbury	2.3 acres
Sperrys Pond (91013)	MA91013_2004	Boxford	26.3 acres
Upper Mill Pond (91015)	MA91015_2004	Rowley	16.0 acres
Wilson Pond (91017)	MA91017_2004	Rowley	4.7 acres
<b>Quinebaug</b>			
Lake George (41016)	MA41016_2004	Wales	93.0 acres
Leadmine Pond (41027)	MA41027_2004	Sturbridge	51.5 acres
Little Alum Pond (41029)	MA41029_2004	Brimfield	72.6 acres
Mcintyre Pond (41031)	MA41031_2004	Charlton	10.5 acres
Monson Road Pond (41059)	MA41059_2004	Wales	3.7 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
New Boston Road Pond (41035)	MA41035_2004	Sturbridge	12.6 acres
No. 3 Reservoir (41038)	MA41038_2004	Southbridge	23.5 acres
No. 4 Reservoir (41039)	MA41039_2004	Southbridge	69.3 acres
No. 5 Reservoir (41040)	MA41040_2004	Southbridge	29.9 acres
Prindle Lake (41043)	MA41043_2004	Charlton	76.1 acres
Wells Pond (41053)	MA41053_2004	Southbridge	8.3 acres
<b>Shawsheen</b>			
Bakers Meadow Pond (83002)	MA83002_2004	Andover	21.2 acres
Fawn Lake (83004)	MA83004_2004	Bedford	11.8 acres
Hussey Brook Pond (83008)	MA83008_2004	Andover	0.54 acres
Pond Street Pond (83021)	MA83021_2004	Billerica (unnamed pond west of Pond Street)	3.6 acres
Richardson Pond North (83020)	MA83020_2004	Billerica/Tewksbury (Richardson Pond North)	45.8 acres
Round Pond (83018)	MA83018_2004	Tewksbury	24.9 acres
<b>South Coastal</b>			
Bound Brook (9456100)	MA94-18_2004	Confluence Aaron River and Herring Brook, Cohasset to inlet Hunters Pond, North Scituate.	2.4 miles
Bound Brook Pond (94017)	MA94017_2004	Norwell	20.9 acres
Eel River (9458000)	MA94-23_2004	Outlet cranberry bogs east of Long Pond Road to mouth at Plymouth Harbor, Plymouth.	3.9 miles
Governor Winslow House Pond (94047)	MA94047_2004	Marshfield	22.9 acres
Green Harbor River (9457275)	MA94-10_2004	Outlet of pond downstream of Green Harbor Brook, Marshfield to Route 139 (Tidegates), Marshfield.	5.7 miles
The Gulf (9456075)	MA94-19_2004	Outlet Hunters Pond, Scituate to Cohasset Harbor, Cohasset/Scituate.	0.16 sq mi
Harrobs Corner Bog Pond (94061)	MA94061_2004	Plympton	20.1 acres
Indian Head River (9456800)	MA94-22_2004	Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke to confluence with Herring Brook, (forming headwaters of North River) Hanover/Norwell/Pembroke.	0.01 sq mi
Indian Pond (94072)	MA94072_2004	Kingston	63.8 acres
Jones River (9457650)	MA94-12_2004	Outlet Silver Lake, Kingston to outlet of Jones River Pond at Wapping Road, Kingston.	4.1 miles
Jones River (9457650)	MA94-13_2004	Outlet Jones River Pond at Wapping Road, Kingston to Elm Street, Kingston.	1.0 miles
Keene Pond (94079)	MA94079_2004	Duxbury	10.7 acres
Mill Pond (94101)	MA94101_2004	Duxbury	7.0 acres
Muddy Pond (94104)	MA94104_2004	Kingston	41.4 acres
North Hill Marsh Pond (94109)	MA94109_2004	Duxbury	43.0 acres
North Triangle Pond (94110)	MA94110_2004	Plymouth	21.8 acres
Old Oaken Bucket Pond (94113)	MA94113_2004	Scituate	8.4 acres
Pine Lake (94120)	MA94120_2004	Duxbury	22.1 acres
Pine Street Pond (94121)	MA94121_2004	Duxbury	13.8 acres
Russell Pond (94133)	MA94133_2004	Kingston	10.7 acres
Shallow Pond (94140)	MA94140_2004	Plymouth	18.9 acres
Ship Pond (94142)	MA94142_2004	Plymouth	10.8 acres
South River (9457075)	MA94-08_2004	Outlet South River Reservoir, Duxbury to Main Street, Marshfield.	6.6 miles
South River Pond (94148)	MA94148_2004	Duxbury	3.3 acres
South Triangle Pond (94149)	MA94149_2004	Plymouth	17.0 acres
Winslow Cemetary Pond (94172)	MA94172_2004	Marshfield	6.5 acres
Wright Pond (94174)	MA94174_2004	Duxbury	30.4 acres

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
<b>Taunton</b>			
Assonet River (6235100)	MA62-19_2004	Confluence of Cedar Swamp River and unnamed tributary just northeast of Lakeville/Berkley/Freetown boundary, Lakeville to Route 24 Bridge, Freetown.	1.7 miles
Barrowsville Pond (62007)	MA62007_2004	Norton	46.7 acres
Beaumont Pond (62009)	MA62009_2004	Foxborough	24.3 acres
Beaver Brook (6235800)	MA62-30_2004	Source just west of Bay Road to inlet Old Pond, Easton.	1.4 miles
Beaver Brook (6237350)	MA62-09_2004	Groveland Street, Brockton to confluence with Beaver Brook and Salisbury Plain River, East Bridgewater.	5.6 miles
Blakes Pond (62221)	MA62221_2004	Mansfield	6.0 acres
Carpenter Pond (62032)	MA62032_2004	Foxborough	29.4 acres
Chaffin Reservoir (62035)	MA62035_2004	Pembroke	12.7 acres
Chartley Pond (62038)	MA62038_2004	Norton/Attleboro	67.6 acres
Cocasset Lake (62043)	MA62043_2004	Foxborough	32.1 acres
Coweaset Brook (6237500)	MA62-22_2004	Source southwest of Route24/Belmont Street interchange, Brockton to confluence Hockomock River, West Bridgewater.	3.6 miles
Cross Pond (62052)	MA62052_2004	Brockton	1.7 acres
Cross Street Pond (62053)	MA62053_2004	Bridgewater	26.7 acres
Elm Street Pond (62066)	MA62066_2004	Halifax/Hanson	8.5 acres
Forge Pond (62072)	MA62072_2004	Freetown	55.8 acres
Forge River (6235875)	MA62-37_2004	Outlet Kings Pond, Raynham to confluence with Taunton River, Raynham.	2.5 miles
Furnace Lake (62076)	MA62076_2004	Foxborough	14.9 acres
Hewitt Pond (62088)	MA62088_2004	Raynham	13.6 acres
Hockomock River (6237475)	MA62-35_2004	Source west of Route 24 and north of Old Railroad Grade to confluence with Town River, West Bridgewater.	4.8 miles
Kings Pond (62101)	MA62101_2004	Raynham	13.0 acres
Leach Pond (62103)	MA62103_2004	Easton/Sharon	111 acres
Little Cedar Swamp (62106)	MA62106_2004	Easton	90.9 acres
Meadow Brook Pond (62113)	MA62113_2004	Norton	13.3 acres
Mill River (6235725)	MA62-29_2004	Outlet Lake Sabbatia, Taunton to confluence with Taunton River, Taunton.	4.1 miles
Mountain Street Pond (62123)	MA62123_2004	Sharon	27.9 acres
Muddy Cove Brook (6235275)	MA62-23_2004	Source south of Hart Street, Dighton to confluence with Taunton River, North Dighton.	2.4 miles
Mulberry Meadow Brook (6235775)	MA62-31_2004	Outlet New Pond, Easton to inlet of Winnecunnet Pond, Norton.	4.6 miles
Mullein Hill Chapel Pond (62127)	MA62127_2004	Lakeville	23.1 acres
Nemasket River (6236225)	MA62-26_2004	Middleborough WWTP to confluence with Taunton River, Middleborough.	5.4 miles
North Center Street Pond (62132)	MA62132_2004	Carver	11.8 acres
Oakland Pond (62136)	MA62136_2004	Taunton	37.6 acres
Plymouth Street Pond (62141)	MA62141_2004	Halifax/E. Bridgewater	165 acres
Poor Meadow Brook (6237000)	MA62-34_2004	Source in wetland near County Street (eastern crossing of Route 14), Hanson to confluence with Satucket River, East Bridgewater.	4.6 miles
Poquoy Pond (62147)	MA62147_2004	Lakeville	9.9 acres
Prospect Hill Pond (62149)	MA62149_2004	Taunton/Raynham	41.9 acres
Queset Brook (6237525)	MA62-21_2004	Outlet Ames Long Pond, North Easton/Stoughton to confluence with Coweaset Brook, West Bridgewater.	5.0 miles
Reservoir (62157)	MA62157_2004	Hanson	13.2 acres
Reservoir (62158)	MA62158_2004	Easton	26.9 acres
Robinson Brook (6235625)	MA62-14_2004	Outlet Hersey Pond, Foxborough to confluence with Rumford River, Foxborough.	1.9 miles
Robinson Pond (62163)	MA62163_2004	Mansfield	8.9 acres
Route One Pond, West (62165)	MA62165_2004	Wrentham	9.9 acres



## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
Satucket River (6236950)	MA62-10_2004	Outlet Robbins Pond, East Bridgewater to confluence with Matfield River, East Bridgewater.	5.3 miles
Sawmill Brook (6236175)	MA62-36_2004	Outlet of Ice Pond, Bridgewater to confluence with Taunton River, Bridgewater.	1.9 miles
Segreganset River (6235300)	MA62-18_2004	Source in wetland just north of Glebe Street, Taunton to confluence with Taunton River, Freetown.	8.8 miles
Segreganset River Ponds (62169)	MA62169_2004	Taunton	13.7 acres
Shumatuscacant River (6237025)	MA62-33_2004	Headwaters, wetland just west of Vineyard Road, Abington to confluence with Poor Meadow Brook, Hanson.	8.9 miles
Snake River (6235750)	MA62-28_2004	Outlet Winnecunnet Pond, Norton to inlet Lake Sabbatia, Taunton.	3.0 miles
Taunton River (6235000)	MA62-01_2004	Confluence of Town and Matfield Rivers to Route 24 Bridge, Taunton.	20.5 miles
Thurston Street Pond (62192)	MA62192_2004	Wrentham	6.6 acres
Town River (6237375)	MA62-11_2004	Outlet of Lake Nippenicket, Bridgewater to Route 28 Bridge, West Bridgewater.	4.4 miles
Town River (6237375)	MA62-12_2004	Route 28 bridge, West Bridgewater to Bridgewater WWTP, Bridgewater.	3.8 miles
Town River (6237375)	MA62-13_2004	Bridgewater WWTP to confluence with Matfield River and Taunton River, Bridgewater.	2.4 miles
Ward Pond (62203)	MA62203_2004	Easton	5.6 acres
Whiteville Pond (62211)	MA62211_2004	Mansfield	14.4 acres
Winnetuxet River (6236575)	MA62-24_2004	Outlet unnamed pond near Cole Mill, Carver to confluence with Taunton River, Halifax.	11.4 miles
<b>Ten Mile</b>			
Bungay River (5233750)	MA52-06_2004	Headwaters, outlet Greenwood Lake, North Attleboro to confluence with Ten Mile River, Attleboro.	5.1 miles
<b>Westfield</b>			
Bedlam Brook (3209500)	MA32-33_2004	Source, north of Blandford Raod to confluence with Peebles Brook, Blandford.	3.2 miles
Bradley Brook (3209800)	MA32-21_2004	From the confluence of Black and Stage Brooks, Russell to the confluence with the Westfield River, Russell.	0.72 miles
Connor Reservoir (32024)	MA32024_2004	Holyoke	17.1 acres
Cooley Lake (32026)	MA32026_2004	Granville	66.3 acres
Crooked Pond (32028)	MA32028_2004	Plainfield	33.7 acres
Damon Pond (32029)	MA32029_2004	Chesterfield/Goshen	77.6 acres
Dickinson Brook (3208975)	MA32-34_2004	Source, confluence of Trumble Brook and Seymour Brook to confluence with Munn Brook, Granville.	3.4 miles
Glendale Brook (3210900)	MA32-10_2004	From headwaters in a wetland in Peru State Forest, Peru to confluence with Middle Branch Westfield River, Middlefield.	6.0 miles
Great Brook (3208375)	MA32-25_2004	Source at outlet from Congamond Lakes in Southwick to confluence with Westfield River, Westfield.	10.7 miles
Kinne Brook (3210800)	MA32-32_2004	Source, west of West Street, Worthington to confluence with Middle Branch Westfield River, Chester.	5.6 miles
Little River (3208725)	MA32-08_2004	Horton's Bridge, Westfield to confluence with Westfield River, Westfield.	5.4 miles
Little River (3211100)	MA32-16_2004	Source at the confluence of Watts and Wards Streams in Worthington (Ringville) to confluence with Westfield River above Knightville Dam in Huntington.	5.8 miles
Miller Brook (3208325)	MA32-27_2004	Outlet from small unnamed pond in Robinson State Park to confluence with Westfield River, Agawam.	0.63 miles
Moose Meadow Brook (3209700)	MA32-23_2004	Source in wetland west of Bungy Mountain, Montgomery to confluence with Westfield River, Westfield.	8.3 miles
North Railroad Pond (32053)	MA32053_2004	Holyoke	9.1 acres
Paucatuck Brook (3208350)	MA32-29_2004	From outlet of Bearhole Reservoir to confluence with Westfield River, West Springfield.	1.5 miles
Pond Brook (3208600)	MA32-24_2004	Outlet of Chapin Pond to confluence with Powdermill Brook, Westfield.	3.9 miles
Potash Brook (3209725)	MA32-22_2004	Source at outlet of Dunlap Pond in Blandford to confluence with Westfield River at Village of Woronoco, Russell.	5.2 miles
Roaring Brook (3210125)	MA32-30_2004	Source north of Horse Hill in Huntington State Forest, Huntington to confluence with Westfield River, Montgomery.	5.3 miles
Sanderson Brook (3210200)	MA32-31_2004	Source north of Chester Road in the Chester/Blandford State Forest, Blandford to confluence with West Branch Westfield River, Chester.	3.5 miles
Swift River (3211775)	MA32-12_2004	Source, southwest of Hawley center to confluence with Westfield River at Village of Swift River, Cummington.	11.5 miles
Walker Brook (3210300)	MA32-20_2004	Source, just south of Center Pond (north of YMCA Road) in Becket to confluence of the West Branch Westfield River, Chester.	6.8 miles

## Massachusetts Category 3 Waters "No Uses Assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE
West Branch (3211525)	MA32-13_2004	Confluence of Bronson Brook and Steven Brook, Worthington to confluence with Westfield River in Village of West Chesterfield, Chesterfield.	5.8 miles
Westfield River (3208250)	MA32-05_2004	Confluence with Middle Branch Westfield River, Huntington to Route 20 Bridge, Westfield.	19.0 miles
Westfield River (3208250)	MA32-06_2004	Route 20 bridge, Westfield to Westfield city boundary with West Springfield and Agawam.	1.9 miles
Westfield River (3208250)	MA32-07_2004	Westfield city line to confluence with Connecticut River, Agawam.	8.5 miles
White Brook (3208300)	MA32-28_2004	Source just north of Route 147 to confluence with Westfield River, Agawam.	0.93 miles



## Massachusetts Category 4a Waters "TMDL is Completed"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT(S) ADDRESSED BY TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Blackstone</b>				
Green Hill Pond (51056)	MA51056_2004	Worcester	29.1 acres	-Turbidity [5/2/2002-CN070.1]
Howe Reservoirs (51071)	MA51071_2004	Millbury	6.7 acres	-Noxious aquatic plants [5/2/2002-CN070.1]
Indian Lake (51073)	MA51073_2004	Worcester	186 acres	-Organic enrichment/Low DO [6/28/2002-CN116.0] -Noxious aquatic plants [6/28/2002-CN116.0]
Jordan Pond (51078)	MA51078_2004	Shrewsbury	18.0 acres	-Turbidity [5/2/2002-CN070.1]
Mill Pond (51105)	MA51105_2004	Shrewsbury	12.4 acres	-Turbidity [5/2/2002-CN070.1]
Shirley Street Pond (51196)	MA51196_2004	Shrewsbury	19.5 acres	-Noxious aquatic plants [5/2/2002-CN070.1]
Smiths Pond (51156)	MA51156_2004	Leicester	13.4 acres	-Turbidity [5/2/2002-CN070.1]
Southwick Pond (51157)	MA51157_2004	Leicester/Paxton	42.5 acres	-Noxious aquatic plants [5/2/2002-CN070.1]
<b>Boston Harbor: Neponset</b>				
Gulliver Creek (7341025)	MA73-30_2004	From confluence Unquity Brook to confluence Neponset River, Milton. (Note: Unquity Brook culverted, confluence not visible on quad)	0.02 sq mi	-Pathogens [6/21/2002-CN121.0]
Hawes Brook (7341550)	MA73-16_2004	Outlet of Ellis Pond to confluence with Neponset River, Norwood.	1.1 miles	-Pathogens [6/21/2002-CN121.0] -Taste, odor and color [6/21/2002-CN121.0] -Objectionable deposits [6/21/2002-CN121.0]
Mill Brook (7341600)	MA73-12_2004	Source north east of Ledgewood Drive, Dover to inlet of Pettee Pond, Westwood.	3.1 miles	-Pathogens [6/21/2002-CN121.0]
Ponkapog Brook (7341200)	MA73-27_2004	Outlet of Ponkapoag Pond to confluence with Neponset River, Canton.	3.1 miles	-Pathogens [6/21/2002-CN121.0]
Purgatory Brook (7341250)	MA73-24_2004	Headwaters east of Farm Lane, Westwood to confluence with Neponset River, Norwood.	5.9 miles	-Pathogens [6/21/2002-CN121.0]
School Meadow Brook (7341750)	MA73-06_2004	Outlet of Ganawatte Farm Pond to confluence with Neponset River, Walpole.	1.9 miles	-Pathogens [6/21/2002-CN121.0]
Traphole Brook (7341525)	MA73-17_2004	Headwaters west of Everett Street, Sharon, to confluence with Neponset River, Sharon/Norwood.	3.9 miles	-Pathogens [6/21/2002-CN121.0]
Unnamed Tributary (7341430)	MA73-31_2004	Outlet of Massapoag Lake to inlet of Hammer Shop Pond, Sharon.	0.24 miles	-Pathogens [6/21/2002-CN121.0]
Unnamed Tributary (7341595)	MA73-13_2004	Outlet Pettee Pond Walpole/Westwood to inlet Willet Pond, Walpole/Westwood.	0.02 miles	-Pathogens [6/21/2002-CN121.0]
<b>Chicopee</b>				
Long Pond (36083)	MA36083_2004	Springfield	13.7 acres	-Noxious aquatic plants [4/12/2002-CN118.0]
Minechoag Pond (36093)	MA36093_2004	Ludlow	20.8 acres	-Noxious aquatic plants [4/12/2002-CN118.0]
Mona Lake (36094)	MA36094_2004	Springfield	10.7 acres	-Noxious aquatic plants [4/12/2002-CN118.0]
Spectacle Pond (36142)	MA36142_2004	Wilbraham	8.5 acres	-Noxious aquatic plants [4/12/2002-CN118.0]
Sugden Reservoir (36150)	MA36150_2004	Spencer	85.3 acres	-Nutrients [4/12/2002-CN118.0] -Organic enrichment/Low DO [4/12/2002-CN118.0] -Turbidity [4/12/2002-CN118.0]
Wickaboag Pond (36166)	MA36166_2004	West Brookfield	315 acres	-Noxious aquatic plants [4/12/2002-CN118.0] -Turbidity [4/12/2002-CN118.0]
<b>Connecticut</b>				
Aldrich Lake (34002)	MA34002_2004	Granby	19.9 acres	-Noxious aquatic plants [4/12/2002-CN112.0]
Aldrich Lake (34106)	MA34106_2004	Granby	11.8 acres	-Noxious aquatic plants [4/12/2002-CN112.0]

## Massachusetts Category 4a Waters "TMDL is Completed"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT(S) ADDRESSED BY TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Loon Pond (34045)	MA34045_2004	Springfield	25.1 acres	-Nutrients [4/12/2002-CN112.0] -Noxious aquatic plants [4/12/2002-CN112.0]
Lake Wyola (34103)	MA34103_2004	Shutesbury	128 acres	-Nutrients [4/12/2002-CN112.0] -Organic enrichment/Low DO [4/12/2002-CN112.0] -Noxious aquatic plants [4/12/2002-CN112.0]
<b>French</b>				
Dresser Hill Pond (42014)	MA42014_2004	Charlton	8.1 acres	-Turbidity [7/12/2002-CN110.0]
Dutton Pond (42015)	MA42015_2004	Leicester	6.0 acres	-Nutrients [7/12/2002-CN110.0] -Noxious aquatic plants [7/12/2002-CN110.0]
Greenville Pond (42023)	MA42023_2004	Leicester	30.5 acres	-Turbidity [7/12/2002-CN110.0]
Hudson Pond (42029)	MA42029_2004	Oxford	15.4 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Jones Pond (42030)	MA42030_2004	Charlton/Spencer	30.2 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Lowes Pond (42034)	MA42034_2004	Oxford	33.4 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Mckinstry Pond (42035)	MA42035_2004	Oxford	15.9 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Mosquito Pond (42060)	MA42060_2004	Dudley	10.5 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
New Pond (42037)	MA42037_2004	Dudley	32.6 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Peter Pond (42042)	MA42042_2004	Dudley	42.3 acres	-Nutrients [7/12/2002-CN110.0] -Organic enrichment/Low DO [7/12/2002-CN110.0]
Pikes Pond (42044)	MA42044_2004	Charlton	28.2 acres	-Turbidity [7/12/2002-CN110.0]
Robinson Pond (42047)	MA42047_2004	Oxford	99.3 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Rochdale Pond (42048)	MA42048_2004	Leicester	42.6 acres	-Nutrients [7/12/2002-CN110.0] -Organic enrichment/Low DO [7/12/2002-CN110.0] -Noxious aquatic plants [7/12/2002-CN110.0]
Shepherd Pond (42051)	MA42051_2004	Dudley	15.8 acres	-Noxious aquatic plants [7/12/2002-CN110.0]
Wallis Pond (42062)	MA42062_2004	Dudley	23.8 acres	-Organic enrichment/Low DO [7/12/2002-CN110.0] -Noxious aquatic plants [7/12/2002-CN110.0]
<b>Millers</b>				
Bents Pond (35007)	MA35007_2004	Gardner	6.2 acres	-Noxious aquatic plants [2/5/2003-CN123.2] -Turbidity [2/5/2003-CN123.2]
Bourn-Hadley Pond (35008)	MA35008_2004	Templeton	25.8 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Brazell Pond (35010)	MA35010_2004	Templeton	14.7 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Depot Pond (35018)	MA35018_2004	(Railroad Pond) Templeton	15.2 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Greenwood Pond (35026)	MA35026_2004	Templeton	12.5 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Hilchey Pond (35029)	MA35029_2004	Gardner	7.6 acres	-Turbidity [2/5/2003-CN123.2]
Ramsdall Pond (35062)	MA35062_2004	Gardner	2.1 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Reservoir No. 1 (35063)	MA35063_2004	Athol	7.7 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Stoddard Pond (35083)	MA35083_2004	Winchendon	51.8 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
Whites Mill Pond (35099)	MA35099_2004	Winchendon	42.4 acres	-Noxious aquatic plants [2/5/2003-CN123.2]
<b>Shawsheen</b>				
Kiln Brook (8349400)	MA83-10_2004	Outlet unnamed pond (in Pine Meadows Country Club), Lexington, to confluence with Shawsheen River, Bedford.	1.5 miles	-Pathogens [9/12/2002-CN122.0]
Long Meadow Brook (8349325)	MA83-11_2004	Wetland east of Lexington Street and north of Independence Drive, Burlington, to confluence with Vine Brook, Burlington.	1.3 miles	-Pathogens [9/12/2002-CN122.0]

## Massachusetts Category 4a Waters "TMDL is Completed"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT(S) ADDRESSED BY TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Sandy Brook (8349300)	MA83-13_2004	Headwaters north of Bedford Street and east of Fairfax Street to confluence with Vine Brook, Burlington.	1.2 miles	-Pathogens [9/12/2002-CN122.0]
Spring Brook (8349350)	MA83-14_2004	Wetland northeast of Route 3 Billerica, to confluence with Shawsheen River, Bedford.	2.5 miles	-Pathogens [9/12/2002-CN122.0]
Strong Water Brook (8349075)	MA83-07_2004	Headwaters northeast of Long Pond, Tewksbury to confluence with Shawsheen River, Tewksbury.	4.9 miles	-Pathogens [9/12/2002-CN122.0]
Unnamed Tributary (8349105)	MA83-15_2004	Also known as "Pinnacle Brook" - Small wetland east of Route 93, Andover, to confluence with Meadow Brook, Tewksbury.	2.1 miles	-Pathogens [9/12/2002-CN122.0]
Vine Brook (8349275)	MA83-06_2004	Headwaters (southeast of Granny Hill) near Grant Street, Lexington to confluence with Shawsheen River, Bedford.	6.8 miles	-Pathogens [9/12/2002-CN122.0]
<b>South Coastal</b>				
Little Harbor (94180)	MA94-20_2004	Cohasset	0.24 sq mi	-Pathogens [9/12/2002-CN120.0]

## **Massachusetts Category 4b Waters**

### **"Waters expected to attain all designated uses in the near future"**

The EPA guidance specifies that waters can be placed in this category if they are presently not meeting one or more designated uses but pollution control measures required by local, state, or federal authority are stringent enough to meet any water quality standard applicable to such waters. Guidance is not clear with respect to the time frame in which the uses would need to be attained but has been generally interpreted as meaning by the time the next integrated list is produced. Due to the lack of clarity in the guidance and the uncertainty involved with making predictions on what future water quality conditions will be Massachusetts is currently listing no waters in this category.

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Blackstone</b>				
Auburn Pond (51004)	MA51004_2004	Auburn	4.1 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Brierly Pond (51010)	MA51010_2004	Millbury	18.3 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Caprons Pond (51014)	MA51014_2004	Uxbridge	10.1 acres	-(Exotic species*)
Coes Reservoir (51024)	MA51024_2004	Worcester	86.9 acres	-(Exotic species*)
Cook Pond (51027)	MA51027_2004	Worcester	16.9 acres	-(Flow alteration*) -(Exotic species*)
Curtis Ponds (51032)	MA51032_2004	Worcester	31.1 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Dark Brook Reservoir (51035)	MA51035_2004	Auburn	58.0 acres	-(Exotic species*)
Dark Brook Reservoir (51036)	MA51036_2004	Auburn	171 acres	-(Exotic species*)
Dorothy Pond (51039)	MA51039_2004	Millbury	127 acres	-Turbidity [5/2/2002-CN070.1] -(Exotic species*)
Eddy Pond (51043)	MA51043_2004	Auburn	98.5 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Flint Pond (51050)	MA51050_2004	Shrewsbury/Grafton/Worcester	92.5 acres	-Noxious aquatic plants [6/28/2002-CN115.0] -Turbidity [6/28/2002-CN115.0] -(Exotic species*)
Flint Pond (51188)	MA51188_2004	Shrewsbury/Grafton/Worcester	173 acres	-Noxious aquatic plants [6/28/2002-CN115.0] -(Exotic species*)
Girard Pond (51053)	MA51053_2004	Sutton	1.9 acres	-(Exotic species*)
Hopedale Pond (51065)	MA51065_2004	Hopedale	87.9 acres	-(Exotic species*)
Hovey Pond (51068)	MA51068_2004	Grafton	20.1 acres	-(Exotic species*)
Howe Reservoirs (51070)	MA51070_2004	Millbury	2.4 acres	-(Flow alteration*) -(Exotic species*)
Ironstone Reservoir (51074)	MA51074_2004	Uxbridge	28.0 acres	-(Exotic species*)
Jenks Reservoir (51075)	MA51075_2004	Bellingham	26.1 acres	-(Exotic species*)
Lackey Pond (51083)	MA51083_2004	Uxbridge/Sutton	90.0 acres	-(Flow alteration*)
Leesville Pond (51087)	MA51087_2004	Auburn/Worcester	34.3 acres	-Nutrients [6/28/2002-CN117.0] -Organic enrichment/Low DO [6/28/2002-CN117.0] -(Exotic species*)
Linwood Pond (51088)	MA51088_2004	Northbridge	36.4 acres	-(Exotic species*)
Mill Pond (51104)	MA51104_2004	Upton	9.8 acres	-(Exotic species*)
Miscoe Lake (51106)	MA51106_2004	Wrentham/Cumberland, R.I.	44.4 acres	-(Exotic species*)
Newton Pond (51110)	MA51110_2004	Shrewsbury/Boylston	53.7 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
North Pond (51112)	MA51112_2004	Hopkinton/Milford	213 acres	-(Exotic species*)
Pondville Pond (51120)	MA51120_2004	Auburn	35.7 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Pratt Pond (51123)	MA51123_2004	Upton	39.4 acres	-(Exotic species*)
Lake Quinsigamond (51125)	MA51125_2004	Shrewsbury/Worcester	471 acres	-Noxious aquatic plants [6/28/2002-CN115.0] -(Exotic species*)
Riverlin Street Pond (51137)	MA51137_2004	Millbury	2.4 acres	-(Exotic species*)

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Rivulet Pond (51138)	MA51138_2004	Uxbridge	4.2 acres	-(Exotic species*)
Sibley Reservoir (51148)	MA51148_2004	Sutton	21.1 acres	-(Flow alteration*)
Silver Lake (51151)	MA51151_2004	Grafton	24.6 acres	-(Flow alteration*)
Singletary Pond (51152)	MA51152_2004	Sutton/Millbury	342 acres	-(Exotic species*)
Stevens Pond (51159)	MA51159_2004	Sutton	85.0 acres	-(Exotic species*)
Stoneville Pond (51160)	MA51160_2004	Auburn	34.7 acres	-Noxious aquatic plants [5/2/2002-CN070.1] -(Exotic species*)
Swans Pond (51164)	MA51164_2004	Sutton	31.5 acres	-(Exotic species*)
Tinker Hill Pond (51167)	MA51167_2004	Auburn	36.8 acres	-(Exotic species*)
Tuckers Pond (51169)	MA51169_2004	Sutton	26.0 acres	-(Exotic species*)
Whitin Pond (51178)	MA51178_2004	Uxbridge	21.6 acres	-(Exotic species*)
Whitins Pond (51180)	MA51180_2004	Northbridge/Sutton	146 acres	-(Exotic species*)
Lake Wildwood (51181)	MA51181_2004	Upton/Grafton	41.9 acres	-(Exotic species*)
<b>Boston Harbor: Neponset</b>				
Billings Street/East Street Pond (73065)	MA73065_2004	Sharon	2.1 acres	-(Exotic species*)
Clark Pond (73008)	MA73008_2004	Walpole	6.7 acres	-(Exotic species*)
Ellis Pond (73018)	MA73018_2004	Norwood	17.1 acres	-(Exotic species*)
Farrington Pond (73040)	MA73040_2004	Stoughton	5.7 acres	-(Exotic species*)
Massapoag Lake (73030)	MA73030_2004	Sharon	389 acres	-(Exotic species*)
Pinewood Pond (73039)	MA73039_2004	Stoughton	25.2 acres	-(Exotic species*)
Plantingfield Brook (7341275)	MA73-23_2004	Headwaters east of Thatcher Street, Westwood, to the confluence with Purgatory Brook, Norwood.	1.9 miles	-(Flow alteration*)
Ponkapoag Pond (73043)	MA73043_2004	Canton	214 acres	-(Exotic species*)
Reservoir Pond (73048)	MA73048_2004	Canton	251 acres	-(Exotic species*)
Town Pond (73056)	MA73056_2004	Stoughton	8.1 acres	-(Exotic species*)
Turner Pond (73058)	MA73058_2004	Walpole	17.6 acres	-(Exotic species*)
Woods Pond (73055)	MA73055_2004	Stoughton	14.1 acres	-(Exotic species*)
<b>Buzzards Bay</b>				
Federal Pond (95055)	MA95055_2004	Carver	125 acres	-(Exotic species*)
Fresh Meadow Pond (95174)	MA95174_2004	Carver/Plymouth	59.4 acres	-(Exotic species*)
Fuller Street Pond (95058)	MA95058_2004	Carver	20.3 acres	-(Exotic species*)
Mill Pond (95105)	MA95105_2004	Wareham	149 acres	-(Exotic species*)
Sampson Pond (95125)	MA95125_2004	Carver	296 acres	-(Exotic species*)
Tremont Mill Pond (95150)	MA95150_2004	Wareham	30.7 acres	-(Exotic species*)
<b>Cape Cod</b>				
Bearse Pond (96012)	MA96012_2004	Barnstable	63.3 acres	-(Exotic species*)
Long Pond (96184)	MA96184_2004	Barnstable	48.3 acres	-(Exotic species*)
<b>Charles</b>				
Kingsbury Pond (72056)	MA72056_2004	Norfolk	15.4 acres	-(Flow alteration*)
Morses Pond (72079)	MA72079_2004	Wellesley/Natick	110 acres	-(Exotic species*)
Noannet Pond (72084)	MA72084_2004	Westwood/Dover	49.7 acres	-(Exotic species*)

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Scarboro Golf Course Pond (72107)	MA72107_2004	Boston	6.1 acres	-(Exotic species*)
Lake Waban (72125)	MA72125_2004	Wellesley	109 acres	-(Exotic species*)
<b>Chicopee</b>				
Beaver Lake (36010)	MA36010_2004	Ware	150 acres	-(Exotic species*)
Brooks Pond (36023)	MA36023_2004	N.Brookfield/New Braintree/Spencer/Oakham	179 acres	-(Exotic species*)
Browning Pond (36025)	MA36025_2004	Oakham/Spencer	106 acres	-Organic enrichment/Low DO [4/12/2002-CN118.0] -Noxious aquatic plants [4/12/2002-CN118.0] -(Exotic species*)
Forest Lake (36063)	MA36063_2004	Palmer	44.8 acres	-(Exotic species*)
Hardwick Pond (36066)	MA36066_2004	Hardwick	67.2 acres	-(Exotic species*)
Lake Lashaway (36079)	MA36079_2004	North Brookfield/East Brookfield	274 acres	-(Exotic species*)
Long Pond (36082)	MA36082_2004	Rutland	167 acres	-(Exotic species*)
Lake Lorraine (36084)	MA36084_2004	Springfield	27.7 acres	-(Exotic species*)
Moosehorn Pond (36097)	MA36097_2004	Hubbardston	67.4 acres	-(Exotic species*)
Old Reservoir (36114)	MA36114_2004	Barre	36.6 acres	-(Flow alteration*)
Thompsons Pond (36155)	MA36155_2004	Spencer	116 acres	-(Exotic species*)
Turkey Hill Pond (36157)	MA36157_2004	Rutland/Paxton	90.1 acres	-(Exotic species*)
<b>Concord</b>				
Ashland Reservoir (82003)	MA82003_2004	Ashland	168 acres	-(Exotic species*)
Bartlett Pond (82007)	MA82007_2004	Northborough	51.8 acres	-(Exotic species*)
Batemans Pond (82008)	MA82008_2004	Concord	25.7 acres	-(Exotic species*)
Chauncy Lake (82017)	MA82017_2004	Westborough	173 acres	-(Exotic species*)
Fisk Pond (82038)	MA82038_2004	Natick	61.8 acres	-(Exotic species*)
Framingham Reservoir #3 (82046)	MA82046_2004	Framingham	221 acres	-(Exotic species*)
Great Meadows Pond #3 (82053)	MA82053_2004	Concord	53.0 acres	-(Exotic species*)
Little Chauncy Pond (82070)	MA82070_2004	Northborough	43.3 acres	-(Exotic species*)
Meadow Pond (82129)	MA82129_2004	Carlisle	12.4 acres	-(Exotic species*)
Mill Brook (8246750)	MA82A-20_2004	Outlet of Crosby Pond to confluence with Concord River, Concord.	2.7 miles	-(Other habitat alterations*)
Rocky Pond (82095)	MA82095_2004	Boylston	61.8 acres	-(Exotic species*)
Russell Millpond (82096)	MA82096_2004	Chelmsford	32.9 acres	-(Flow alteration*) -(Exotic species*)
Unnamed Tributary (8246805)	MA82B-16_2004	Outlet of Angiers Pond to confluence with Assabet River, Concord.	0.48 miles	-(Flow alteration*)
Wauashacum Pond (82112)	MA82112_2004	Framingham	87.2 acres	-(Exotic species*)
Winning Pond (82123)	MA82123_2004	Billerica	22.2 acres	-(Exotic species*)
<b>Connecticut</b>				
Lake Bray (34013)	MA34013_2004	Holyoke	10.3 acres	-(Exotic species*)
Cranberry Pond (34018)	MA34018_2004	Sunderland	28.1 acres	-(Exotic species*)
Lake Holland (34035)	MA34035_2004	Belchertown	10.6 acres	-(Exotic species*)
Hulberts Pond (34036)	MA34036_2004	Northampton	25.0 acres	-(Flow alteration*)



## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Leverett Pond (34042)	MA34042_2004	Leverett	90.7 acres	-Noxious aquatic plants [4/12/2002-CN112.0] -Turbidity [4/12/2002-CN112.0] -(Exotic species*)
Upper Pond (34095)	MA34095_2004	South Hadley	10.0 acres	-(Exotic species*)
Lake Warner (34098)	MA34098_2004	Hadley	65.1 acres	-Nutrients [4/12/2002-CN112.0] -Organic enrichment/Low DO [4/12/2002-CN112.0] -Noxious aquatic plants [4/12/2002-CN112.0] -Turbidity [4/12/2002-CN112.0] -(Exotic species*)
White Reservoir (34100)	MA34100_2004	Westhampton/Southampton	89.4 acres	-(Flow alteration*)
Whiting Street Reservoir (34101)	MA34101_2004	Holyoke	102 acres	-(Exotic species*)
<b>Deerfield</b>				
Tannery Pond (33020)	MA33020_2004	Savoy	0.52 acres	-(Flow alteration*)
<b>Farmington</b>				
Benton Pond (31003)	MA31003_2004	Otis	61.4 acres	-(Exotic species*)
Noyes Pond (31026)	MA31026_2004	Tolland	166 acres	-(Exotic species*)
<b>French</b>				
Bouchard Pond (42003)	MA42003_2004	Leicester	2.5 acres	-(Exotic species*)
Buffum Pond (42004)	MA42004_2004	Charlton/Oxford	23.2 acres	-(Exotic species*)
Cedar Meadow Pond (42009)	MA42009_2004	Leicester	140 acres	-Noxious aquatic plants [7/12/2002-CN110.0] -(Exotic species*)
Gore Pond (42018)	MA42018_2004	Dudley/Charlton	169 acres	-Organic enrichment/Low DO [7/12/2002-CN110.0] -Noxious aquatic plants [7/12/2002-CN110.0] -Turbidity [7/12/2002-CN110.0] -(Exotic species*)
Granite Reservoir (42019)	MA42019_2004	Charlton	207 acres	-Noxious aquatic plants [7/12/2002-CN110.0] -(Exotic species*)
Larner Pond (42068)	MA42068_2004	Dudley	27.4 acres	-Noxious aquatic plants [7/12/2002-CN110.0] -(Exotic species*)
Low Pond (42033)	MA42033_2004	Dudley	3.8 acres	-(Exotic species*)
Packard Pond (42040)	MA42040_2004	Dudley	6.4 acres	-(Exotic species*)
Pierpoint Meadow Pond (42043)	MA42043_2004	Dudley/Charlton	94.3 acres	-Noxious aquatic plants [7/12/2002-CN110.0] -(Exotic species*)
Sargent Pond (42049)	MA42049_2004	Leicester	65.4 acres	-(Exotic species*)
Webster Lake (42064)	MA42064_2004	Webster	1278 acres	-(Exotic species*)
<b>Hoosic</b>				
Berkshire Pond (11001)	MA11001_2004	Lanesborough	21.4 acres	-(Exotic species*)
Cheshire Reservoir (11019)	MA11019_2004	[South Basin] Cheshire/Lanesborough	90.9 acres	-(Exotic species*)
<b>Housatonic</b>				
Ashmere Lake (21005)	MA21005_2004	Hinsdale	294 acres	-(Exotic species*)
Lake Averic (21006)	MA21006_2004	Stockbridge	38.1 acres	-(Exotic species*)
Goose Pond (21043)	MA21043_2004	Lee/Tyringham	238 acres	-(Exotic species*)
Greenwater Pond (21044)	MA21044_2004	Becket	88.7 acres	-(Exotic species*)

April, 2004 (2)

Proposed Massachusetts Year 2004 Integrated List of Waters

CN: 175.0



## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Karner Brook (2103900)	MA21-16_2004	From source, Mt. Washington to the inlet of Mill Pond, South Egremont.	5.0 miles	-(Flow alteration*)
Laurel Lake (21057)	MA21057_2004	Lee/Lenox	174 acres	-(Exotic species*)
Long Pond (21062)	MA21062_2004	Great Barrington	114 acres	-(Exotic species*)
Long Pond Brook (2104000)	MA21-14_2004	Outlet Long Pond, Great Barrington to the confluence with Seekonk Brook, Great Barrington.	2.0 miles	-(Flow alteration*)
Mansfield Pond (21065)	MA21065_2004	Great Barrington	27.8 acres	-(Exotic species*)
Onota Lake (21078)	MA21078_2004	Pittsfield	646 acres	-(Exotic species*)
Plunkett Reservoir (21082)	MA21082_2004	Hinsdale	71.6 acres	-(Exotic species*)
Richmond Pond (21088)	MA21088_2004	Richmond/Pittsfield	228 acres	-(Exotic species*)
Stockbridge Bowl (21105)	MA21105_2004	Stockbridge	383 acres	-(Exotic species*)
Thousand Acre Pond (21106)	MA21106_2004	New Marlborough	145 acres	-(Exotic species*)
Upper Goose Pond (21110)	MA21110_2004	Lee/Tyringham	55.3 acres	-(Exotic species*)
Windsor Brook (2105475)	MA21-09_2004	From source, southeast of Fobes Hill (west of Savory Hollow Road), Windsor to the Windsor Reservoir, Hinsdale.	6.1 miles	-(Flow alteration*)
<b>Ipswich</b>				
Field Pond (92019)	MA92019_2004	Andover	56.7 acres	-(Exotic species*)
Lower Boston Brook Pond (92031)	MA92031_2004	Middleton	9.3 acres	-(Exotic species*)
Lower Four Mile Pond (92032)	MA92032_2004	Boxford	18.4 acres	-(Exotic species*)
Lubber Pond East (92035)	MA92035_2004	Wilmington	6.2 acres	-(Siltation*) -(Exotic species*)
Lubber Pond West (92036)	MA92036_2004	Wilmington	9.6 acres	-(Siltation*) -(Exotic species*)
Maple Meadow Brook (9254100)	MA92-04_2004	Outlet of Mill Pond, Burlington to confluence with Lubbers Brook, Wilmington.	4.2 miles	-(Flow alteration*)
Stevens Pond (92062)	MA92062_2004	Boxford	11.1 acres	-(Exotic species*)
<b>Merrimack</b>				
Knops Pond/Lost Lake (84084)	MA84084_2004	Groton	186 acres	-(Exotic species*)
Richardson Brook (8451025)	MA84A-12_2004	Headwaters to confluence with Merrimack River, Dracut.	2.4 miles	-(Other habitat alterations*)
<b>Millers</b>				
Ellis Pond (35023)	MA35023_2004	Athol	87.5 acres	-Noxious aquatic plants [2/5/2003-CN123.2] -(Exotic species*)
Lake Monomonac (35047)	MA35047_2004	MA portion only. Winchendon/Rindge, N.H.	185 acres	-Noxious aquatic plants [2/5/2003-CN123.2] -(Exotic species*)
Parker Pond (35056)	MA35056_2004	Gardner	32.2 acres	-(Flow alteration*) -Noxious aquatic plants [2/5/2003-CN123.2] -(Exotic species*)
South Athol Pond (35078)	MA35078_2004	Athol	82.8 acres	-Noxious aquatic plants [2/5/2003-CN123.2] -(Exotic species*)
White Pond (35098)	MA35098_2004	Athol	62.6 acres	-(Exotic species*)

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Mount Hope Bay (Shore)</b>				
Quequechan River (6134625)	MA61-05_2004	Outlet South Watuppa Pond, Fall River to confluence with the Taunton River (at Braga Bridge), Fall River.	2.4 miles	-(Other habitat alterations*)
<b>Nashua</b>				
Chaffin Pond (81017)	MA81017_2004	Holden	89.6 acres	-(Exotic species*)
Dawson Pond (81028)	MA81028_2004	Holden	22.2 acres	-(Exotic species*)
Eagle Lake (81034)	MA81034_2004	Holden	56.3 acres	-(Exotic species*)
Flannagan Pond (81044)	MA81044_2004	Ayer	80.4 acres	-(Exotic species*)
Quinapoxet River (8145325)	MA81-32_2004	Outlet Quinapoxet Reservoir, Holden to inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	7.9 miles	-(Flow alteration*)
Robbins Pond (81111)	MA81111_2004	Harvard	11.4 acres	-(Exotic species*)
Lake Samoset (81116)	MA81116_2004	Leominster	35.3 acres	-(Exotic species*)
Sawmill Pond (81118)	MA81118_2004	Fitchburg/Westminster	64.5 acres	-(Exotic species*)
Stuart Pond (81137)	MA81137_2004	Sterling	36.8 acres	-(Exotic species*)
Stump Pond (81171)	MA81171_2004	Holden	27.4 acres	-(Exotic species*)
Unionville Pond (81143)	MA81143_2004	Holden	19.1 acres	-(Exotic species*)
Lake Whalom (81154)	MA81154_2004	Lunenburg	96.4 acres	-(Exotic species*)
White Pond (81155)	MA81155_2004	Lancaster/Leominster	47.2 acres	-(Exotic species*)
Wyman Pond (81161)	MA81161_2004	Westminster	198 acres	-(Exotic species*)
<b>North Coastal</b>				
Cedar Pond (93013)	MA93013_2004	Peabody	13.8 acres	-(Exotic species*)
Chebacco Lake (93014)	MA93014_2004	Hamilton/Essex	204 acres	-(Exotic species*)
Days Pond (93092)	MA93092_2004	Gloucester	0.30 acres	-(Exotic species*)
Griswold Pond (93029)	MA93029_2004	Saugus	13.0 acres	-(Exotic species*)
Lower Pond (93044)	MA93044_2004	Saugus	21.2 acres	-(Exotic species*)
Spring Pond (93072)	MA93072_2004	Saugus	8.2 acres	-(Exotic species*)
<b>Parker</b>				
State Street Pond (91014)	MA91014_2004	Newburyport	3.9 acres	-(Exotic species*)
<b>Quinebaug</b>				
Cedar Pond (41008)	MA41008_2004	Sturbridge	148 acres	-(Exotic species*)
Hamilton Reservoir (41019)	MA41019_2004	Holland/Union,Ct.	403 acres	-(Exotic species*)
Mill Road Pond (41032)	MA41032_2004	Brimfield	15.8 acres	-(Exotic species*)
Railroad Pond (41058)	MA41058_2004	Charlton	6.9 acres	-(Exotic species*)
Sherman Pond (41046)	MA41046_2004	Brimfield	75.4 acres	-(Exotic species*)
Sylvestri Pond (41049)	MA41049_2004	Dudley	29.5 acres	-(Exotic species*)
Walker Pond (41052)	MA41052_2004	Sturbridge	104 acres	-(Exotic species*)
<b>Shawsheen</b>				
Gravel Pit Pond (83007)	MA83007_2004	Andover (Hussey Brook Pond East)	4.6 acres	-(Exotic species*)
<b>South Coastal</b>				
Beaver Dam Pond (94006)	MA94006_2004	Plymouth	29.2 acres	-(Exotic species*)
Black Mountain Pond (94009)	MA94009_2004	Marshfield	16.6 acres	-(Exotic species*)

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Briggs Reservoir (94019)	MA94019_2004	Plymouth	23.9 acres	-(Exotic species*)
Briggs Reservoir (94020)	MA94020_2004	Plymouth	16.3 acres	-(Exotic species*)
Cooks Pond (94027)	MA94027_2004	Plymouth	21.2 acres	-(Exotic species*)
Island Creek Pond (94073)	MA94073_2004	Duxbury	39.7 acres	-(Exotic species*)
Island Pond (94075)	MA94075_2004	[West of Manomet] Plymouth	79.4 acres	-(Exotic species*)
Jacobs Pond (94077)	MA94077_2004	Norwell	60.8 acres	-(Exotic species*)
Long Island Pond (94088)	MA94088_2004	Plymouth	33.1 acres	-(Exotic species*)
Lorings Bogs Pond (94089)	MA94089_2004	Duxbury	33.0 acres	-(Exotic species*)
Lower Chandler Pond (94091)	MA94091_2004	Duxbury/Pembroke	37.4 acres	-(Exotic species*)
Oldham Pond (94114)	MA94114_2004	Pembroke	232 acres	-(Exotic species*)
Pembroke Street South Pond (94117)	MA94117_2004	Kingston	6.2 acres	-(Exotic species*)
Reeds Millpond (94126)	MA94126_2004	Kingston	6.2 acres	-(Exotic species*)
Reservoir (94127)	MA94127_2004	Pembroke	113 acres	-(Flow alteration*)
Smelt Pond (94184)	MA94184_2004	Kingston	44.8 acres	-(Exotic species*)
Tack Factory Pond (94152)	MA94152_2004	Scituate	8.1 acres	-(Exotic species*)
Upper Chandler Pond (94165)	MA94165_2004	Duxbury/Pembroke	7.7 acres	-(Exotic species*)
<b>Taunton</b>				
Brockton Reservoir (62023)	MA62023_2004	Avon	89.4 acres	-(Exotic species*)
Carver Pond (62033)	MA62033_2004	Bridgewater	29.3 acres	-(Exotic species*)
Cleveland Pond (62042)	MA62042_2004	Abington	96.4 acres	-(Exotic species*)
Crocker Pond (62051)	MA62051_2004	Wrentham	17.1 acres	-(Exotic species*)
Cushing Pond (62056)	MA62056_2004	Abington	5.7 acres	-(Exotic species*)
East Freetown Pond (62063)	MA62063_2004	Freetown	11.1 acres	-(Exotic species*)
Gavins Pond (62077)	MA62077_2004	Sharon/Foxborough	17.6 acres	-(Exotic species*)
Gushee Pond (62084)	MA62084_2004	Raynham	26.8 acres	-(Exotic species*)
Johnson Pond (62097)	MA62097_2004	Raynham	13.5 acres	-(Exotic species*)
Long Pond (62108)	MA62108_2004	Lakeville/Freetown	1741 acres	-(Exotic species*)
Longwater Pond (62109)	MA62109_2004	Easton	8.2 acres	-(Exotic species*)
Lower Porter Pond (62111)	MA62111_2004	Brockton	7.9 acres	-(Exotic species*)
Mcavoy Pond (62112)	MA62112_2004	Foxborough	8.6 acres	-(Exotic species*)
Middle Pond (62115)	MA62115_2004	Taunton	25.9 acres	-(Exotic species*)
Lake Mirimichi (62118)	MA62118_2004	Plainville/Foxborough	175 acres	-(Exotic species*)
Muddy Pond (62125)	MA62125_2004	Carver	61.1 acres	-(Exotic species*)
New Pond (62130)	MA62130_2004	Easton	17.7 acres	-(Exotic species*)
Lake Nippenicket (62131)	MA62131_2004	Bridgewater	375 acres	-(Exotic species*)
Richmond Pond (62159)	MA62159_2004	Taunton	5.8 acres	-(Exotic species*)
Lake Rico (62148)	MA62148_2004	Taunton	48.4 acres	-(Exotic species*)
Lake Sabbatia (62166)	MA62166_2004	Taunton	265 acres	-(Exotic species*)
Savery Pond (62167)	MA62167_2004	Middleborough	23.6 acres	-(Exotic species*)
Shovelshop Pond (62172)	MA62172_2004	Easton	7.0 acres	-(Exotic species*)
Sweets Pond (62185)	MA62185_2004	Mansfield	13.5 acres	-(Exotic species*)
Thirtyacre Pond (62190)	MA62190_2004	Brockton	26.3 acres	-(Exotic species*)
Three Mile River Impoundment (62231)	MA62231_2004	Taunton/Dighton	15.5 acres	-(Exotic species*)

## Massachusetts Category 4c Waters "Impairment not caused by a pollutant"

\*-non Pollutant

NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Turnpike Lake (62198)	MA62198_2004	Plainville	99.0 acres	-(Exotic species*)
Upper Porter Pond (62200)	MA62200_2004	Brockton	11.4 acres	-(Exotic species*)
Waldo Lake (62201)	MA62201_2004	Avon/Brockton	72.4 acres	-(Exotic species*)
West Meadow Pond (62208)	MA62208_2004	West Bridgewater	104 acres	-(Exotic species*)
Whittenton Impoundment (62228)	MA62228_2004	Taunton	20.1 acres	-(Exotic species*)
Winnecunnet Pond (62213)	MA62213_2004	Norton	152 acres	-(Exotic species*)
<b>Ten Mile</b>				
Falls Pond (52014)	MA52014_2004	North Attleboro	48.9 acres	-(Exotic species*)
Orrs Pond (52029)	MA52029_2004	Attleboro	58.0 acres	-(Exotic species*)
<b>Westfield</b>				
Blair Pond (32009)	MA32009_2004	Blandford	69.2 acres	-(Exotic species*)
Buck Pond (32012)	MA32012_2004	Westfield	22.8 acres	-(Exotic species*)
Congamond Lakes (32021)	MA32021_2004	[Middle Basin] Southwick	279 acres	-(Exotic species*)
Congamond Lakes (32022)	MA32022_2004	[North Basin] Southwick	46.1 acres	-(Exotic species*)
Congamond Lakes (32023)	MA32023_2004	[South Basin] Southwick	144 acres	-(Exotic species*)
Horse Pond (32043)	MA32043_2004	Westfield	24.3 acres	-(Exotic species*)
Little River (3208725)	MA32-26_2004	Source at outlet of Cobble Mountain Reservoir Dam, Blandford to Horton's Bridge, Westfield,	8.4 miles	-(Flow alteration*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Blackstone</b>				
Aldrich Pond (51002)	MA51002_2004	Sutton	1.7 acres	-Noxious aquatic plants -(Exotic species*)
Arcade Pond (51003)	MA51003_2004	Northbridge	19.6 acres	-Noxious aquatic plants -(Exotic species*)
Beaver Brook (5133000)	MA51-07_2004	Outlet of small unnamed impoundment north of Beth Israel School and Flag Street School to confluence with Middle River, Worcester. (Includes underground portion)	3.0 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens -(Objectionable deposits*)
Blackstone River (5131000)	MA51-03_2004	Confluence of Middle River and Mill Brook (Just downstream of American Steel Dam), Worcester to Fisherville Dam, Grafton.	10.8 miles	-Unknown toxicity -Priority organics -Metals -Unionized Ammonia -Chlorine -Nutrients -Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens -Suspended solids -Turbidity -(Objectionable deposits*)
Blackstone River (5131000)	MA51-04_2004	Fisherville Dam, Grafton to outlet Rice City Pond, Uxbridge.	11.3 miles	-Unknown toxicity -Priority organics -Metals -Nutrients -Organic enrichment/Low DO -(Flow alteration*) -Pathogens -Taste, odor and color -Suspended solids -Turbidity
Blackstone River (5131000)	MA51-05_2004	Outlet Rice City Pond, Uxbridge to the old Water Quality Monitor(at the Conrail Railroad trestle due north of Collins Drive), Millville.	11.7 miles	-Unknown toxicity -Priority organics -Metals -Nutrients -pH -(Flow alteration*) -Pathogens -Taste, odor and color -Suspended solids -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Blackstone River (5131000)	MA51-06_2004	From the Water Quality Monitor, Millville to the Rhode Island Border west of Route 122 (Main St.), Blackstone, MA/(Harris Avenue) North Smithfield RI.	3.8 miles	-Priority organics -Metals -Nutrients -(Flow alteration*) -Pathogens -Taste, odor and color -Suspended solids -Turbidity
Burncoat Park Pond (51012)	MA51012_2004	Worcester	6.3 acres	-Noxious aquatic plants -Turbidity
City Farm Pond (51020)	MA51020_2004	Shrewsbury	2.7 acres	-Siltation -Noxious aquatic plants
Curtis Ponds (51033)	MA51033_2004	Worcester	14.0 acres	-Siltation -Noxious aquatic plants [5/2/2002-CN070.1]
Dark Brook (5132825)	MA51-16_2004	Outlet Eddy Pond to confluence with Kettle Brook, Auburn.	2.8 miles	-Cause Unknown
Fish Pond (51047)	MA51047_2004	Northbridge	8.4 acres	-Noxious aquatic plants -(Exotic species*)
Fiske Millpond (51049)	MA51049_2004	Upton/Milford	19.0 acres	-Noxious aquatic plants -(Exotic species*)
Gilboa Pond (51052)	MA51052_2004	Douglas	12.5 acres	-Noxious aquatic plants -(Exotic species*)
Harris Pond (51058)	MA51058_2004	Blackstone	93.4 acres	-Noxious aquatic plants -(Exotic species*)
Hayes Pond (51060)	MA51060_2004	Grafton	5.0 acres	-Noxious aquatic plants -(Exotic species*)
Kettle Brook (5132800)	MA51-01_2004	Outlet Waite Pond, Leicester through Leesville Pond Auburn/Worcester to inlet Curtis Pond, Worcester.	8.2 miles	-Cause Unknown -Nutrients -Organic enrichment/Low DO -(Flow alteration*) -Pathogens
Manchaug Pond (51091)	MA51091_2004	Douglas/Sutton	365 acres	-Organic enrichment/Low DO -(Exotic species*)
Marble Pond (51093)	MA51093_2004	Sutton	8.2 acres	-Noxious aquatic plants -(Exotic species*)
Meadow Pond (51193)	MA51193_2004	Northbridge/Sutton	57.5 acres	-Noxious aquatic plants -(Exotic species*)
Middle River (5132775)	MA51-02_2004	Outlet Coes Pond to confluence with Mill Brook (Just downstream of American Steel Dam), Worcester.	3.1 miles	-Cause Unknown -Unknown toxicity -Metals -Nutrients -pH -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Turbidity -(Objectionable deposits*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Mill River (5131200)	MA51-10_2004	Outlet North Pond, Milford/Upton to MA/RI border, in Blackstone, MA.	16.1 miles	-Priority organics -Metals
Mumford River (5132050)	MA51-14_2004	Douglas WWTP, Douglas to confluence with Blackstone River, Uxbridge.	9.9 miles	-Metals -pH -Organic enrichment/Low DO -Pathogens
Number 1 Pond (51114)	MA51114_2004	Sutton	8.9 acres	-Noxious aquatic plants -Turbidity
Peters River (5131125)	MA51-18_2004	Outlet Curtis Pond to Rhode Island state line, Bellingham.	5.7 miles	-Metals -Pathogens
Rice City Pond (51131)	MA51131_2004	Uxbridge	21.6 acres	-Priority organics -Siltation -Turbidity
Riley Pond (51134)	MA51134_2004	Northbridge	6.7 acres	-Turbidity
Lake Ripple (51135)	MA51135_2004	Grafton	47.1 acres	-Noxious aquatic plants -(Exotic species*)
Riverdale Impoundment (51136)	MA51136_2004	Northbridge	2.5 acres	-Priority organics -Turbidity
Salisbury Pond (51142)	MA51142_2004	Worcester	13.2 acres	-Taste, odor and color -Noxious aquatic plants [6/28/2002-CN114.0] -Turbidity [6/28/2002-CN114.0]
Spindleville Pond (51158)	MA51158_2004	Hopedale	2.4 acres	-Priority organics -Noxious aquatic plants
Sutton Falls (51163)	MA51163_2004	Sutton	10.3 acres	-Turbidity
Tatnuck Brook (5133050)	MA51-15_2004	Outlet Holden Reservoir #2, Holden to inlet Williams Millpond, Worcester.	3.2 miles	-Cause Unknown -(Other habitat alterations*) -Turbidity -(Objectionable deposits*)
Unnamed Tributary (5131005)	MA51-08_2004	(Also Known as "Mill Brook") Outlet Indian Lake to confluence with Middle River at the downstream side of American Steel Dam, Worcester.	5.3 miles	-Priority organics -Metals -Unionized Ammonia -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Oil and grease -Taste, odor and color -Suspended solids -Turbidity -(Objectionable deposits*)
Waite Pond (51170)	MA51170_2004	Leicester	48.5 acres	-Metals
Welsh Pond (51176)	MA51176_2004	Sutton	8.5 acres	-Noxious aquatic plants -(Exotic species*)
West River (5131800)	MA51-11_2004	Outlet Silver Lake, Grafton to Upton WWTP, Upton.	3.8 miles	-pH -Organic enrichment/Low DO -Pathogens



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
West River (5131800)	MA51-12_2004	Upton WWTP, Upton to confluence with Blackstone River, Uxbridge.	9.3 miles	-Metals -Nutrients -pH -Organic enrichment/Low DO -Salinity/TDS/chlorides
West River Pond (51177)	MA51177_2004	Uxbridge	33.8 acres	-Noxious aquatic plants -(Exotic species*)
Woodbury Pond (51185)	MA51185_2004	Sutton	5.0 acres	-Noxious aquatic plants -(Exotic species*)
Woolshop Pond (51186)	MA51186_2004	Millbury	4.9 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
<b>Boston Harbor</b>				
Boston Harbor (70901)	MA70-01_2004	The area extending into Massachusetts Bay from the line between Fort Dawes on Deer Island to The Graves, and from The Graves south to Point Allerton; across Hull and West guts; across the mouths of Quincy and Dorchester bays, Boston Inner Harbor and Winthrop Bay (including President Roads and Nantasket Roads).	24.2 sq mi	-Priority organics -Pathogens
Boston Inner Harbor (70902)	MA70-02_2004	From the Mystic and Chelsea rivers, Chelsea/Boston, to the line between Governors Island and Fort Independence, East Boston/Boston (including Fort Point, Reserved and Little Mystic channels).	2.5 sq mi	-Priority organics -Pathogens
Dorchester Bay (70903)	MA70-03_2004	From the mouth of the Neponset River, Boston/Quincy to the line between Head Island and the north side of Thompson Island and the line between the south point of Thompson Island, Boston and Chapel Rocks, Quincy.	3.5 sq mi	-Priority organics -Pathogens -Suspended solids -Turbidity
Hingham Bay (70905)	MA70-06_2004	The area north of the mouth of the Weymouth Fore River extending on the west along the line between Nut Island and the south point of West Head, and on the east side along a line from Prince Head just east of Pig Rock to the mouth of the Weymouth Fore River (midway between Lower Neck and Manot Beach), Quincy.	1.0 sq mi	-Pathogens
Hingham Bay (70905)	MA70-07_2004	The area defined between Peddocks Island and Windmill Point; from Windmill Point southeast to Bumkin Island; from Bumkin Island southeast to Sunset Point; from Sunset Point across the mouth of the Weir River to Worlds End; from Worlds End across the mouth of Hingham Harbor to Crow Point; from Beach Lane, Hingham across the mouth of the Weymouth Back River to Lower Neck; and from Lower Neck midway across the mouth of the Weymouth Fore River.	4.8 sq mi	-Pathogens
Hingham Harbor (70906)	MA70-08_2004	Hingham Harbor inside a line from Crows Point to Worlds End, Hingham.	1.1 sq mi	-Pathogens
Hull Bay (70907)	MA70-09_2004	The area defined east of a line from Windmill Point to Bumpkin Island and from Bumpkin Island to Sunset Point, Hull.	2.5 sq mi	-Pathogens
Pleasure Bay (70909)	MA70-11_2004	A semi-enclosed bay, the flow restricted through two channels between Castle and Head islands, Boston	0.22 sq mi	-Priority organics -Pathogens
Quincy Bay (70904)	MA70-04_2004	From Bromfield Street near the Wallaston Yacht Club, northeast to N42.2781 W70.9941, southeast to N42.2735 W70.9678, and south to Newton Street on the northerly shore of Houghs Neck, Quincy.	1.2 sq mi	-Priority organics -Pathogens
Quincy Bay (70904)	MA70-05_2004	Quincy Bay, north of the class SA waters (segment MA70-04), Quincy to the line between Moon Head and Nut Island, Quincy.	4.8 sq mi	-Priority organics -Pathogens



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Winthrop Bay (70908)	MA70-10_2004	From the tidal flats at Coleridge Street, East Boston to a line between Logan International Airport and Point Shirley, East Boston/Winthrop.	1.7 sq mi	-Pathogens
<b>Boston Harbor: Mystic</b>				
Aberjona River (7138350)	MA71-01_2004	Source just south of Birch Meadow Drive, Reading to inlet Upper Mystic Lake at Mystic Valley Parkway, Winchester.	9.2 miles	-Cause Unknown -Unionized Ammonia -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens
Alewife Brook (7138250)	MA71-04_2004	Outlet of Little Pond, Belmont to confluence with Mystic River, Arlington/Somerville.	2.3 miles	-Metals -Nutrients -Organic enrichment/Low DO -Pathogens -Oil and grease -Taste, odor and color -(Objectionable deposits*)
Blacks Nook (71005)	MA71005_2004	Cambridge	2.2 acres	-Nutrients -Noxious aquatic plants
Chelsea River (7138100)	MA71-06_2004	Confluence with Mill Creek, Chelsea/Revere to confluence with Mystic River, Chelsea/East Boston/Charlestown.	0.39 sq mi	-Priority organics -Unionized Ammonia -Organic enrichment/Low DO -Pathogens -Oil and grease -Taste, odor and color -Turbidity -(Objectionable deposits*)
Clay Pit Pond (71011)	MA71011_2004	Belmont	11.9 acres	-Pesticides
Ell Pond (71014)	MA71014_2004	Melrose	23.3 acres	-Nutrients -Pathogens -Suspended solids
Horn Pond (71019)	MA71019_2004	Woburn	108 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants
Judkins Pond (71021)	MA71021_2004	Winchester	2.8 acres	-Nutrients -Organic enrichment/Low DO -Pathogens
Lower Mystic Lake (71027)	MA71027_2004	Arlington	92.8 acres	-Cause Unknown -Organic enrichment/Low DO -Salinity/TDS/chlorides
Malden River (7138200)	MA71-05_2004	Headwaters south of Exchange Street, Malden to confluence with Mystic River, Everett/Medford.	2.5 miles	-Organic enrichment/Low DO -Pathogens -Oil and grease -Taste, odor and color -Suspended solids -(Objectionable deposits*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Mill Brook (7138300)	MA71-07_2004	Outlet of Arlington Reservoir to inlet of Lower Mystic Lake, Arlington (portions culverted underground).	2.8 miles	-(Other habitat alterations*) -Pathogens
Mill Pond (71031)	MA71031_2004	Winchester	2.0 acres	-Organic enrichment/Low DO -Pathogens
Mystic River (7138150)	MA71-02_2004	Outlet Lower Mystic Lake, Arlington/Medford to Amelia Earhart Dam, Somerville/Everett.	5.0 miles	-Metals -Nutrients -Pathogens
Mystic River (7138150)	MA71-03_2004	Amelia Earhart Dam, Somerville/Everett to confluence with Chelsea River, Chelsea/Charlestown/East Boston (Includes Island End River).	0.50 sq mi	-Priority organics -Metals -Unionized Ammonia -Other inorganics -Organic enrichment/Low DO -Pathogens -Oil and grease -Taste, odor and color
Spy Pond (71040)	MA71040_2004	Arlington	98.4 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -(Exotic species*)
Wedge Pond (71045)	MA71045_2004	Winchester	22.9 acres	-Nutrients -Noxious aquatic plants
Winter Pond (71047)	MA71047_2004	Winchester	15.1 acres	-Cause Unknown -Nutrients -Noxious aquatic plants -Turbidity
<b>Boston Harbor: Neponset</b>				
Beaver Brook (7341400)	MA73-19_2004	Headwaters just west of Moose Hill Street through Sawmill Pond to confluence with Massapoag Brook, Sharon.	3.8 miles	-Cause Unknown -Organic enrichment/Low DO
Beaver Meadow Brook (7341475)	MA73-20_2004	Outlet of Glenn Echo Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	3.6 miles	-Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0]
Bird Pond (73002)	MA73002_2004	Walpole	20.4 acres	-Priority organics
Bolivar Pond (73005)	MA73005_2004	Canton	19.8 acres	-Turbidity -(Exotic species*)
Cobbs Pond (73009)	MA73009_2004	Walpole	14.2 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity -(Exotic species*)
East Branch (7341300)	MA73-05_2004	East Branch Neponset River - Outlet of Forge Pond through unnamed pond southwest of Forge Pond and East Branch Pond to confluence with Neponset River, Canton. (locally known as Canton River)	3.2 miles	-Cause Unknown -Metals -Organic enrichment/Low DO -Thermal modifications -(Flow alteration*) -Pathogens [6/21/2002-CN121.0]
Forge Pond (73020)	MA73020_2004	Canton	8.0 acres	-Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Ganawatte Farm Pond (73037)	MA73037_2004	Walpole/Sharon/Foxborough	29.4 acres	-Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Germany Brook (7341575)	MA73-15_2004	Headwaters, east of Winter Street, to inlet of Ellis Pond, Norwood.	2.0 miles	-Nutrients -pH -Pathogens [6/21/2002-CN121.0] -Taste, odor and color -(Objectionable deposits*)
Manns Pond (73028)	MA73028_2004	Sharon	5.7 acres	-Turbidity -(Exotic species*)
Massapoag Brook (7341375)	MA73-21_2004	Outlet Hammer Shop Pond, Sharon, through Manns Pond, Trowel Shop Pond, and Shephard Pond to the inlet of unnamed pond southwest of Forge Pond, Canton.	4.2 miles	-Cause Unknown -Nutrients
Memorial Pond (73012)	MA73012_2004	Walpole	8.0 acres	-Noxious aquatic plants -Turbidity
Mill Brook (7341675)	MA73-08_2004	From headwaters north of Hartford Street, Medfield to inlet of Jewells Pond, Medfield.	2.3 miles	-Cause Unknown -(Flow alteration*)
Mine Brook (7341650)	MA73-09_2004	Outlet of Jewells Pond, Medfield, to the inlet of Turner Pond, Walpole.	3.0 miles	-Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0]
Mother Brook (7341180)	MA73-28_2004	Headwaters at the Charles River Diversion, Dedham to confluence with Neponset River, Boston. [Reported as MA72-13 until May 3, 2000]	3.6 miles	-Nutrients -Organic enrichment/Low DO -(Flow alteration*) -Pathogens [6/21/2002-CN121.0] -Taste, odor and color
Neponset Reservoir (73034)	MA73034_2004	Foxborough	311 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Neponset River (7341000)	MA73-01_2004	Outlet of Neponset Reservoir, Foxborough to confluence with East Branch, Canton.	13.3 miles	-Priority organics -Metals -Nutrients -Siltation -Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0] -Suspended solids -Noxious aquatic plants -Turbidity
Neponset River (7341000)	MA73-02_2004	Confluence with East Branch, Canton to confluence with Mother Brook, Boston.	8.4 miles	-Priority organics -Metals -Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0] -Oil and grease -Turbidity -(Objectionable deposits*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Neponset River (7341000)	MA73-03_2004	Confluence with Mother Brook, Boston to Milton Lower Falls Dam, Milton/Boston.	3.7 miles	-Priority organics -Metals -Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0] -Oil and grease -(Objectionable deposits*)
Neponset River (7341000)	MA73-04_2004	Milton Lower Falls Dam, Milton/Boston to mouth at Dorchester Bay, Boston/Quincy.	0.66 sq mi	-Priority organics -Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0] -Turbidity -(Objectionable deposits*)
Pequid Brook (7341325)	MA73-22_2004	Headwaters east of York Street through Reservoir Pond to the inlet of Forge Pond, Canton.	4.1 miles	-Organic enrichment/Low DO -Pathogens [6/21/2002-CN121.0]
Pine Tree Brook (7341075)	MA73-29_2004	Outlet of Hillside Pond through Pope's Pond to confluence Neponset River, Milton.	4.6 miles	-Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens [6/21/2002-CN121.0]
Popes Pond (73044)	MA73044_2004	Milton	6.0 acres	-Noxious aquatic plants -Turbidity
Russell Pond (73003)	MA73003_2004	Milton	8.9 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Turners Pond (73059)	MA73059_2004	Milton	10.5 acres	-Nutrients -Organic enrichment/Low DO -Turbidity
Unnamed Tributary (7341505)	MA73-32_2004	From the outlet of Town Pond to the confluence with Steep Hill Brook, Stoughton.	1.0 miles	-Cause Unknown -Nutrients -pH
Unnamed Tributary (7341530)	MA73-33_2004	Locally Known as "Meadow Brook" - From where the underground/culverted stream emerges east of Pleasant Street, Norwood to confluence with Neponset River, Norwood.	0.66 miles	-Nutrients -Pathogens -Taste, odor and color
Unquity Brook (7341050)	MA73-26_2004	Isolated (urban): Headwaters east of Sias Lane/west of Randolph Avenue, Milton to confluence with Gulliver Creek, Milton (Note: Confluence not visible on quad, brook culverted underground east of Otis Street/west of Governor Belcher Lane, Milton)	1.7 miles	-Nutrients -pH -Siltation -Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens [6/21/2002-CN121.0] -(Objectionable deposits*)
Willet Pond (73062)	MA73062_2004	Walpole/Westwood/Norwood	206 acres	-Metals
<b>Boston Harbor: Weymouth &amp; Weir</b>				
Cochato River (7442400)	MA74-06_2004	Outlet Lake Holbrook, Holbrook to confluence with Farm and Monaquot rivers, Braintree. (segment also includes part of Glovers Brook and Mary Lee Brook and all of an unnamed tributary outletting Lake Holbrook)	4.2 miles	-Pesticides -Organic enrichment/Low DO -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Crooked Meadow River (7442800)	MA74-01_2004	Outlet Cushing Pond to confluence with Weir River, Hingham.	1.0 miles	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants
Foundry Pond (74011)	MA74011_2004	Hingham	6.1 acres	-Nutrients -Siltation -Noxious aquatic plants
Furnace Brook (7442025)	MA74-10_2004	From headwaters north of Blue Hills Reservoir to confluence with Blacks Creek, Quincy.	4.2 miles	-Organic enrichment/Low DO
Lake Holbrook (74013)	MA74013_2004	Holbrook	31.2 acres	-Noxious aquatic plants
Ice House Pond (74028)	MA74028_2004	Randolph	0.57 acres	-Pesticides
Mill River (7442625)	MA74-04_2004	Headwaters, west of Route 18 and south of Randolph Street to inlet Whitmans Pond, Weymouth.	3.4 miles	-Nutrients -Pathogens -Noxious aquatic plants
Monatiquot River (7442200)	MA74-08_2004	Headwaters at confluence of Cochato and Farm rivers to confluence with Weymouth Fore River at Route 53, Braintree.	4.9 miles	-Cause Unknown -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens
Old Swamp River (7442650)	MA74-03_2004	Headwaters just west of Pleasant Street and north of Liberty Street, Rockland to inlet Whitmans Pond, Weymouth.	5.2 miles	-Cause Unknown -Pathogens
Sylvan Lake (74021)	MA74021_2004	Holbrook	5.9 acres	-Pesticides -Priority organics
Town Brook (7442100)	MA74-09_2004	Outlet Old Quincy Reservoir, Braintree to confluence with Town River north of Route 3A, Quincy. (Includes "The Canal")	3.5 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens
Town River Bay (74901)	MA74-15_2004	From the headwaters at the Route 3A bridge to the mouth at Weymouth Fore River between Shipyard and Germantown Points, Quincy.	0.47 sq mi	-Organic enrichment/Low DO -Pathogens
Weir River (7442675)	MA74-02_2004	Headwaters at confluence of Crooked Meadow River and Fulling Mill Brook to Rockland Street, Hingham.	3.1 miles	-Nutrients -Pathogens
Weir River (7442675)	MA74-11_2004	Rockland Street, Hingham and outlet Straits Pond, Hingham/Hull to mouth at Worlds End, Hingham and Nantasket Road near Beech Avenue, Hull.	0.83 sq mi	-Pathogens
Weymouth Back River (7442575)	MA74-05_2004	Outlet Elias Pond to the old Bay Colony Railroad tracks, Weymouth.	0.69 miles	-Organic enrichment/Low DO -Pathogens
Weymouth Back River (7442575)	MA74-13_2004	Old Bay Colony Railroad tracks, Weymouth to mouth between Lower Neck, Weymouth (to the west) and Wompatuck Road, Hingham.	0.86 sq mi	-Pathogens
Weymouth Fore River (7442050)	MA74-14_2004	Route 53, Braintree to mouth (eastern point at Lower Neck, Weymouth and western point at Wall Street on Houghs Neck, Quincy).	2.3 sq mi	-Pathogens
<b>Buzzards Bay</b>				
Acushnet River (9559625)	MA95-31_2004	Outlet New Bedford Reservoir to Hamlin Street culvert, Acushnet.	3.0 miles	-Nutrients -Siltation -Organic enrichment/Low DO -Pathogens
Acushnet River (9559625)	MA95-32_2004	Hamlin Street to culvert at Main Street, Acushnet.	1.1 miles	-Nutrients -Organic enrichment/Low DO -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Acushnet River (9559625)	MA95-33_2004	Outlet Main street culvert to Coggeshall Street bridge.	0.31 sq mi	-Priority organics -Metals -Nutrients -Organic enrichment/Low DO -Pathogens
Agawam River (9558725)	MA95-29_2004	Wareham WWTP to confluence with Wankinco River at Route 6 bridge, Wareham.	0.17 sq mi	-Unknown toxicity -Unionized Ammonia -Nutrients -(Other habitat alterations*) -Pathogens -Noxious aquatic plants
Apponagansett Bay (95919)	MA95-39_2004	From the mouth of Buttonwood Brook, to a line drawn from Ricketsons Point to Samoset Street near North Avenue, Dartmouth.	1.0 sq mi	-Priority organics -Pathogens
Aucoot Cove (95904)	MA95-09_2004		0.50 sq mi	-Pathogens
Back River (9663150)	MA95-47_2004	Outlet of small unnamed pond downstream from Mill Pond to confluence with Phinneys Harbor (excluding Eel Pond), Bourne.	0.08 sq mi	-Pathogens
Beaverdam Creek (9558925)	MA95-53_2004	Outlet from cranberry bog southeast of Route 6 to confluence with Wewantic River, Wareham.	0.04 sq mi	-Nutrients -Other habitat alterations -Pathogens
Bread and Cheese Brook (9560150)	MA95-58_2004	Headwaters north of Old Bedford Road, Westport to confluence with East Branch Westport River, Westport.	4.9 miles	-Pathogens
Broad Marsh River (9558675)	MA95-49_2004	Headwaters south of Marion Road and Bourne Terrace to confluence with the Wareham River, Wareham.	0.16 sq mi	-Pathogens
Buttermilk Bay (95901)	MA95-01_2004	Bourne/Wareham.	0.67 sq mi	-Other habitat alterations -Pathogens
Buttonwood Brook (9559750)	MA95-13_2004	Headwaters, southwest of 195/140 interchange, New Bedford to Apponagansett Bay, Dartmouth.	3.8 miles	-Pathogens
Buzzards Bay (95924)	MA95-62_2004	Open water area encompassed within a line drawn from Wilber Point, Fairhaven to Clarks Point, New Bedford to Ricketson Point, Dartmouth to vicinity of Samoset Street, Dartmouth down to Round Hill Point, Dartmouth and back to Wilber Point, Fairhaven.	8.0 sq mi	-Priority organics -Pathogens
Cape Cod Canal (95906)	MA95-14_2004		1.1 sq mi	-Pathogens
Cedar Island Creek (9558625)	MA95-52_2004	Headwaters near Parker Drive to the confluence with Marks Cove, Wareham.	0.01 sq mi	-Pathogens
Clarks Cove (95918)	MA95-38_2004	The semi-enclosed waterbody landward of a line drawn between Clarks Point, New Bedford and Ricketsons Point, Dartmouth.	1.1 sq mi	-Priority organics -Pathogens
Copicut River (9560200)	MA95-43_2004	Outlet of Copicut Reservoir, Dartmouth/Fall River to the inlet of Cornell Pond, Dartmouth.	1.3 miles	-Priority organics -Metals
Cornell Pond (95031)	MA95031_2004	Dartmouth	12.4 acres	-Priority organics -Metals
Crane Brook Bog Pond (95033)	MA95033_2004	Carver	37.3 acres	-Nutrients -Noxious aquatic plants -(Exotic species*)
Crooked River (9558650)	MA95-51_2004	Outlet of cranberry bog east of Indian Neck Road to the confluence with the Wareham River, Wareham.	0.04 sq mi	-Pathogens
East Branch Westport River (9560025)	MA95-40_2004	Outlet Noquochoke Lake, Dartmouth to Old County Road bridge, Westport.	2.9 miles	-Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
East Branch Westport River (9560025)	MA95-41_2004	Old County Road bridge, Westport to the mouth at Westport Harbor, Westport (excluding Horseneck Channel).	2.6 sq mi	-Nutrients -Other habitat alterations -Pathogens
Eel Pond (95049)	MA95-61_2004	Coastal pond at the head of Mattapoissett Harbor, Mattapoissett.	0.04 sq mi	-Pathogens
Eel Pond (96075)	MA95-48_2004	Bourne.	0.03 sq mi	-Pathogens
Great Sippewisset Creek (9663025)	MA95-23_2004	Great Sippewisset Marsh, Falmouth.	0.03 sq mi	-Pathogens
Hammett Cove (95922)	MA95-56_2004	Borders Sippican Harbor (along a line from the southwestern most point of Little Neck to the end of the seawall on the opposite point), Marion.	0.07 sq mi	-Nutrients -Other habitat alterations -Pathogens
Harbor Head (95921)	MA95-46_2004	south of Chappaquoit Road, Falmouth.	0.02 sq mi	-Pathogens
Herring Brook (9663050)	MA95-21_2004	Falmouth	0.01 sq mi	-Pathogens
Hiller Cove (95905)	MA95-10_2004		0.04 sq mi	-Pathogens
Little Bay (95925)	MA95-64_2004	From the confluence with the Nasketucket River, Fairhaven south to the confluence with Nasketucket Bay at a line from the southernmost tip of Mirey Neck (~latitude 41.625702, ~longitude 70.854045) to a point of land near Shore Drive (~latitude 41.621994, ~longitude 70.855415), Fairhaven	0.36 sq mi	-Pathogens
Little Sippewisset Marsh (95913)	MA95-24_2004	Falmouth.	0.02 sq mi	-Pathogens
Long Pond (95097)	MA95097_2004	Rochester	32.4 acres	-Metals
Mattapoissett Harbor (95917)	MA95-35_2004		1.1 sq mi	-Pathogens
Mattapoissett River (9559425)	MA95-60_2004	From the River Road bridge, Mattapoissett to the mouth at Mattapoissett Harbor, Mattapoissett.	0.05 sq mi	-Pathogens
Nasketucket Bay (95926)	MA95-65_2004	From the confluence with Little Bay, Fairhaven to Buzzards Bay along Causeway Road, Fairhaven (on the south) and along a line from the southern tip of Brant Island, Mattapoissett to the eastern tip of West Island, Fairhaven	3.7 sq mi	-Pathogens
New Bedford Harbor (95920)	MA95-42_2004	Coggeshall Street Bridge to Hurricane Barrier, Fairhaven/New Bedford.	1.3 sq mi	-Priority organics -Metals -Nutrients -Organic enrichment/Low DO -Pathogens -Oil and grease -(Taste, odor and color*) -(Objectionable deposits*)
New Bedford Reservoir (95110)	MA95110_2004	Acushnet	211 acres	-Nutrients -Organic enrichment/Low DO -(Exotic species*)
Noquochoke Lake (95113)	MA95113_2004	(Main Basin) Dartmouth	87.9 acres	-Priority organics -Metals -Pathogens -Noxious aquatic plants -Turbidity -(Exotic species*)



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Noquochoke Lake (95170)	MA95170_2004	(South Basin) Dartmouth	12.8 acres	-Priority organics -Metals -Noxious aquatic plants -Turbidity -(Exotic species*)
Noquochoke Lake (95171)	MA95171_2004	(North Basin) Dartmouth	16.7 acres	-Priority organics -Metals -Noxious aquatic plants -Turbidity -(Exotic species*)
Onset Bay (95902)	MA95-02_2004	Wareham.	0.78 sq mi	-Other habitat alterations -Pathogens
Outer New Bedford Harbor (95916)	MA95-63_2004	From the Hurricane Barrier, Fairhaven/New Bedford to a line drawn from Wilbur Point, Fairhaven to Clarks Point, New Bedford (segment changed 6/4/03, formerly reported as MA95-27).	5.8 sq mi	-Priority organics -Nonpriority organics -Metals -Nutrients -Organic enrichment/Low DO -Pathogens
Parker Mills Pond (95115)	MA95115_2004	Wareham	73.2 acres	-Nutrients -(Exotic species*)
Phinneys Harbor (95907)	MA95-15_2004	From the confluence with the Back River, to the mouth at Buzzards Bay (demarcated by a line from the southeastern point of Mashnee Island to the northwestern point of Toby Island), Bourne.	0.73 sq mi	-Pathogens
Pocasset Harbor (95908)	MA95-17_2004		0.33 sq mi	-Other habitat alterations -Pathogens
Pocasset River (9663125)	MA95-16_2004	outlet of Mill Pond to mouth at Buzzards Bay, Bourne.	0.05 sq mi	-Pathogens
Quissett Harbor (95914)	MA95-25_2004	Falmouth.	0.17 sq mi	-Pathogens
Red Brook Harbor (95909)	MA95-18_2004		0.91 sq mi	-Pathogens
Sippican Harbor (95903)	MA95-08_2004		2.5 sq mi	-Pathogens
Sippican River (9558950)	MA95-07_2004	County Road to confluence with Weweantic River, Marion/Wareham.	0.08 sq mi	-Pathogens
Slocums River (9559800)	MA95-34_2004	Rock O'Dundee Road to mouth at Buzzards Bay, Dartmouth.	0.67 sq mi	-Nutrients -Other habitat alterations -Pathogens
Snell Creek (9560075)	MA95-44_2004	Headwaterswest of Main Street to Drift Road, Westport.	1.5 miles	-Pathogens
Snell Creek (9560075)	MA95-45_2004	Drift Road to confluence with East Branch Westport River.	0.38 miles	-Pathogens
Snell Creek (9560075)	MA95-59_2004	'Marcus Bridge', Westport to confluence with East Branch Westport River, Westport.	0.001 miles	-Pathogens
Snipatuit Pond (95137)	MA95137_2004	Rochester	644 acres	-Metals
Tihonet Pond (95146)	MA95146_2004	Wareham	86.6 acres	-Organic enrichment/Low DO
Turner Pond (95151)	MA95151_2004	New Bedford/Dartmouth	86.0 acres	-Metals
Wankinco River (9558800)	MA95-50_2004	From Elm Street to the confluence with the Agawam River (at a line between a point south of Mayflower Ridge Drive and a point north of the railroad tracks near Sandwich Road), Wareham.	0.05 sq mi	-Pathogens
Wareham River (9558600)	MA95-03_2004	From confluence of Wankinko and Agawam Rivers at route 6 bridge, Wareham, to Buzzards Bay (line from Cromeset Point to curved point east/southeast of Long Beach Point).	1.2 sq mi	-Nutrients -Other habitat alterations -Pathogens



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
West Branch Westport River (9559950)	MA95-37_2004	Outlet Grays Mill Pond, Adamsville, Rhode Island to mouth at Westport Harbor, Westport.	1.3 sq mi	-Nutrients -Other habitat alterations -Pathogens
West Falmouth Harbor (95912)	MA95-22_2004	From the confluence with Harbor Head at Chappaquoit Road, Falmouth to the mouth at Buzzards Bay at a line connecting the ends of the seawalls from Little Island and Chappaquoit Point, Falmouth (including Snug Harbor).	0.29 sq mi	-Nutrients -Other habitat alterations -Pathogens
Westport River (9559925)	MA95-54_2004	From the confluences of the East Branch Westport River and the West Branch Westport River to Rhode Island Sound (at a line from the southwestern tip of Horseneck Point to the easternmost point near Westport Light), Westport.	0.74 sq mi	-Nutrients -Other habitat alterations -Pathogens
Weweantic River (9558900)	MA95-05_2004	Outlet Horseshoe Pond, Wareham to mouth at Buzzards Bay, Marion/Wareham.	0.62 sq mi	-Nutrients -Other habitat alterations -Pathogens
White Island Pond (95166)	MA95166_2004	(East Basin) Plymouth	165 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity -(Exotic species*)
White Island Pond (95173)	MA95173_2004	(West Basin) Plymouth	122 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -(Exotic species*)
Wild Harbor (95911)	MA95-20_2004	Falmouth.	0.14 sq mi	-Pathogens
<b>Cape Cod</b>				
Ashumet Pond (96004)	MA96004_2004	Mashpee	203 acres	-Metals
Barnstable Harbor (96901)	MA96-01_2004	From the mouths of Scorton and Spring Creeks east to an imaginary line drawn from Beach Point to the western edge of the Mill Creek estuary, Barnstable.	3.3 sq mi	-Pathogens
Bass River (9662200)	MA96-12_2004	Route 6 to mouth at Nantucket Sound, Dennis/Yarmouth.	0.67 sq mi	-Pathogens
Boat Meadow River (9661450)	MA96-15_2004	Headwaters east of old railway grade to mouth at Cape Cod Bay, Eastham.	0.04 sq mi	-Pathogens
Bournes Pond (96925)	MA96-57_2004	west of Central Avenue, to Vineyard Sound, Falmouth.	0.24 sq mi	-Nutrients -Pathogens
Bucks Creek (9662025)	MA96-44_2004	Outlet from Harding Beach Pond (locally known as Sulfur Springs) to confluence with Cockle Cove, Chatham.	0.02 sq mi	-Pathogens
Bumps River (9662600)	MA96-02_2004	From outlet of pond at Bumps River Road through Scudder Bay to South Main Street bridge (confluence with Centerville River), Barnstable.	0.07 sq mi	-Pathogens
Centerville River (9662575)	MA96-04_2004	From headwaters in wetland west of Strawberry Hill Road to confluence with Centerville Harbor, including East Bay, Barnstable.	0.25 sq mi	-Pathogens
Chase Garden Creek (9661225)	MA96-35_2004	Source west of Route 6A, Dennis to mouth at Cape Cod Bay, Dennis/Yarmouth.	0.16 sq mi	-Pathogens
Cotuit Bay (96926)	MA96-63_2004	From North Bay at Point Isabella oceanward to a line extended along Oyster Harbors Beach, Barnstable.	0.85 sq mi	-Nutrients -Pathogens
Crows Pond (96049)	MA96-47_2004	To Bassing Harbor, Chatham.	0.19 sq mi	-Nutrients
Crystal Lake (96050)	MA96050_2004	Orleans	33.1 acres	-Organic enrichment/Low DO
Duck Creek (9661625)	MA96-32_2004	Source west of Route 6 to Wellfleet Harbor (at a line from Shirttail Point to Taylor Road), Wellfleet.	0.15 sq mi	-Pathogens
Falmouth Inner Harbor (96908)	MA96-17_2004	Waters included north of Inner Falmouth Harbor Light, Falmouth.	0.05 sq mi	-Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Frost Fish Creek (9661900)	MA96-49_2004	Outlet from cranberry bog northwest of Stony Hill Road to confluence with Ryder Cove, Chatham.	0.02 sq mi	-Nutrients -Pathogens
Great Harbor (96909)	MA96-18_2004	The waters north of an imaginary line drawn east from Penzance Point to Devils Foot Island and southeast from Devils Foot Island to Juniper Point (excludes Eel Pond), Falmouth.	0.31 sq mi	-Pathogens
Great Pond (96115)	MA96115_2004	Eastham	109 acres	-Nutrients -Organic enrichment/Low DO
Great Pond (96922)	MA96-54_2004	From inlet of Coonamessett River to Vineyard Sound (excluding Perch Pond), Falmouth	0.40 sq mi	-Nutrients -Pathogens
Great River (9662825)	MA96-60_2004	From inlet of Abigails Brook to Waquoit Bay (excluding Jehu Pond), Mashpee.	0.17 sq mi	-Nutrients
Green Pond (96923)	MA96-55_2004	east of Acapesket Road, outlet to Vineyard Sound, Falmouth.	0.21 sq mi	-Nutrients -Pathogens
Hamblin Pond (96126)	MA96126_2004	Barnstable	113 acres	-Metals
Hamblin Pond (96127)	MA96-58_2004	From inlet of Red Brook to outlet of Little River and inlet/outlet of Waquoit Bay west of Meadow Neck Road, Falmouth/Mashpee.	0.19 sq mi	-Nutrients -Pathogens
Harding Beach Pond (96128)	MA96-43_2004	locally known as Sulfur Springs (northeast of Bucks Creek), Chatham.	0.07 sq mi	-Pathogens
Herring River (9661650)	MA96-33_2004	South of High Toss Road to Wellfleet Harbor (at an imaginary line drawn due north from the eastern tip of Great Island to the opposite shore), Wellfleet.	0.39 sq mi	-Pathogens
Herring River (9661650)	MA96-67_2004	From outlet of Herring Pond to south of High Toss Road, Wellfleet.	3.6 miles	-Metals -pH
Herring River (9662150)	MA96-22_2004	Outlet of Herring River Reservoir west of Bells Neck Road to mouth at Nantucket Sound, Harwich.	0.07 sq mi	-Pathogens
Hyannis Harbor (96903)	MA96-05_2004	The waters from the shoreline to an imaginary line drawn from the light at the end of Hyannis breakwater to the point west of Dunbar Point, Barnstable.	0.68 sq mi	-Pathogens
Jehu Pond (96153)	MA96-59_2004	Mashpee.	0.09 sq mi	-Nutrients
Johns Pond (96157)	MA96157_2004	Mashpee	317 acres	-Metals
Lewis Bay (96917)	MA96-36_2004	Includes portion of Pine Island Creek and Uncle Roberts Cove to confluence with Nantucket Sound, Barnstable/Yarmouth (excluding Hyannis Inner Harbor, Barnstable/Yarmouth and Mill Creek, Yarmouth).	1.8 sq mi	-Pathogens
Little Harbor (96910)	MA96-19_2004	The waters north of an imaginary line drawn from Juniper Point east to Nobska Beach, Falmouth.	0.07 sq mi	-Pathogens
Little Namskaket Creek (9661400)	MA96-26_2004	Source to mouth at Cape Cod Bay, Orleans.	0.01 sq mi	-Pathogens
Little Pond (96924)	MA96-56_2004	west of Vista Boulevard, outlet to Vineyard Sound, Falmouth.	0.07 sq mi	-Nutrients
Little River (9662875)	MA96-61_2004	From outlet of Hamblin Pond to the Great River, Mashpee.	0.03 sq mi	-Nutrients -Pathogens
Long Pond (96183)	MA96183_2004	Brewster/Harwich	715 acres	-Organic enrichment/Low DO
Lower Mill Pond (96188)	MA96188_2004	Brewster	44.2 acres	-Nutrients -Noxious aquatic plants -Turbidity
Maraspin Creek (9661100)	MA96-06_2004	From headwaters just south of Route 6A to confluence with Barnstable Harbor at Blish Point, Barnstable.	0.03 sq mi	-Pathogens
Mashpee Pond (96194)	MA96194_2004	Mashpee/Sandwich	375 acres	-Metals
Mashpee River (9662775)	MA96-24_2004	Quinaquisset Avenue to mouth at Shoestring Bay (formerly to mouth at Popponesset Bay), Mashpee.	0.09 sq mi	-Nutrients -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Mill Creek (9661125)	MA96-37_2004	From Keveny Lane/Mill Lane north to confluence with Cape Cod Bay, Barnstable/Yarmouth.	0.05 sq mi	-Pathogens
Mill Creek (9662075)	MA96-41_2004	Outlet of Taylors Pond to confluence with Cackle Cove, Chatham.	0.03 sq mi	-Pathogens
Mill Pond (96203)	MA96-52_2004	including Little Mill Pond (PALIS # 96174), Chatham.	0.06 sq mi	-Nutrients
Muddy Creek (9661875)	MA96-51_2004	Outlet of small unnamed pond south of Countryside Drive and north-northeast of Old Queen Anne Road to mouth at Pleasant Bay, Chatham.	0.05 sq mi	-Pathogens
Namskaket Creek (9661375)	MA96-27_2004	From outlet of unnamed pond north of Route 6A in Orleans to mouth at Cape Cod Bay, Brewster/Orleans.	0.02 sq mi	-Pathogens
North Bay (96928)	MA96-66_2004	From Fox Island to just south of Bridge Street and separated from Cotuit Bay at a line from Point Isabella southward to the opposite shore (including Dam Pond), Barnstable.	0.47 sq mi	-Nutrients -Pathogens
Oyster Pond (96234)	MA96-45_2004	Including Stetson Cove, Chatham.	0.21 sq mi	-Nutrients -Pathogens
Oyster Pond (96235)	MA96-62_2004	east of Fells Road, Falmouth.	0.10 sq mi	-Pathogens
Oyster Pond River (9662000)	MA96-46_2004	Outlet of Oyster Pond to confluence with Stage Harbor, Chatham.	0.14 sq mi	-Nutrients -Pathogens
Pamet River (9661725)	MA96-31_2004	Route 6 to mouth at Cape Cod Bay (including Pamet Harbor), Truro.	0.14 sq mi	-Pathogens
Parkers River (9662325)	MA96-38_2004	Outlet Seine Pond to mouth at Nantucket Sound, Yarmouth.	0.04 sq mi	-Pathogens
Perch Pond (96921)	MA96-53_2004	Connects to northwest end of Great Pond, west of Keechipam Way, Falmouth.	0.03 sq mi	-Pathogens
Peters Pond (96244)	MA96244_2004	Sandwich	123 acres	-Metals
Popponneset Bay (96918)	MA96-40_2004	From line connecting Ryefield Point, Barnstable and Punkhorn Point, Mashpee to inlet of Nantucket Sound (including Ockway Bay and Pinquickset Cove), Mashpee/Barnstable.	0.67 sq mi	-Nutrients
Popponneset Creek (9662800)	MA96-39_2004	All waters west of Popponneset Island (from Popponneset Island Road bridge at the north to a line extended from the southeastern most point of the island southerly to Popponneset Beach), Mashpee.	0.04 sq mi	-Pathogens
Prince Cove (96904)	MA96-07_2004	Includes adjacent unnamed cove east of Prince Cove to North Bay at Fox Island, Barnstable.	0.14 sq mi	-Nutrients -Pathogens
Provincetown Harbor (96915)	MA96-29_2004	The waters northwest of an imaginary line drawn northeasterly from the tip of Long Point, Provincetown to Beach Point Beach, Truro.	4.3 sq mi	-Pathogens
Quashnet River (9662925)	MA96-20_2004	Just south of Route 28 to mouth at Waquoit Bay, Falmouth. Also known as Moonakis River.	0.07 sq mi	-Nutrients -Organic enrichment/Low DO -Pathogens
Quivett Creek (9661325)	MA96-09_2004	Outlet of unnamed pond just south of Route 6A to the mouth at Cape Cod Bay, Brewster/Dennis.	0.03 sq mi	-Pathogens
Red Lily Pond (96257)	MA96257_2004	Barnstable	3.8 acres	-Nutrients -Pathogens -Noxious aquatic plants
Rock Harbor Creek (9661425)	MA96-16_2004	Outlet Cedar Pond, Orleans to mouth at Cape Cod Bay, Eastham/Orleans.	0.02 sq mi	-Pathogens
Ryder Cove (96920)	MA96-50_2004	Chatham.	0.17 sq mi	-Nutrients -Pathogens
Ryder Pond (96268)	MA96268_2004	Truro	18.0 acres	-Nutrients -Organic enrichment/Low DO
Santuit Pond (96277)	MA96277_2004	Mashpee	164 acres	-Nutrients -Noxious aquatic plants

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Saquatucket Harbor (96913)	MA96-23_2004	South of Route 28 to confluence with Nantucket Sound, Harwich.	0.02 sq mi	-Pathogens
Scorton Creek (9660800)	MA96-30_2004	Jones Lane to mouth at Cape Cod Bay, Sandwich (including several tributaries).	0.07 sq mi	-Pathogens
Seapuit River (9662650)	MA96-64_2004	south of Osterville Grand Island to Cotuit Bay and West Bay, Barnstable.	0.06 sq mi	-Pathogens
Sesuit Creek (9661300)	MA96-13_2004	From Route 6A to mouth at Cape Cod Bay, Dennis.	0.06 sq mi	-Pathogens
Sheep Pond (96289)	MA96289_2004	Brewster	138 acres	-Metals -Organic enrichment/Low DO
Shoestring Bay (96905)	MA96-08_2004	Quinaquisset Avenue to Popponesset Bay (line from Ryefield Point, Barnstable to Punkhorn Point, Mashpee, including Gooseberry Island), Barnstable/Mashpee.	0.31 sq mi	-Nutrients -Pathogens
Snake Pond (96302)	MA96302_2004	Sandwich	81.1 acres	-Metals
Stage Harbor (96907)	MA96-11_2004	From the outlet of Mill Pond (including Mitchell River) to the confluence with Nantucket Sound at a line from the southernmost point of Harding Beach southeast to the Harding Beach Point , Chatham.	0.58 sq mi	-Nutrients -Pathogens
Swan Pond River (9662175)	MA96-14_2004	Outlet of Swan Pond to confluence with Nantucket Sound, Dennis.	0.04 sq mi	-Pathogens
Taylors Pond (96311)	MA96-42_2004	Chatham.	0.02 sq mi	-Pathogens
Upper Mill Pond (96324)	MA96324_2004	Brewster	247 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Wakeby Pond (96346)	MA96346_2004	Mashpee/Sandwich	353 acres	-Metals
Walkers Pond (96331)	MA96331_2004	Brewster	99.4 acres	-Nutrients -Noxious aquatic plants -Turbidity
Waquoit Bay (96912)	MA96-21_2004	From mouths of Seapit River, Quashnet River (also known as Moonakis River), and Great River to confluence with Vineyard Sound, Falmouth/Mashpee.	1.4 sq mi	-Nutrients -Organic enrichment/Low DO -Pathogens
Wellfleet Harbor (96916)	MA96-34_2004	The waters north of an imaginary line drawn east from the southern tip of Jeremy Point, Wellfleet to Sunken Meadow, Eastham excluding the estuaries of Herring River, Duck Creek, Blackfish Creek, and Fresh Brook, Wellfleet.	8.5 sq mi	-Pathogens
Wequaquet Lake (96333)	MA96333_2004	Barnstable	573 acres	-Metals -(Exotic species*)
West Bay (96927)	MA96-65_2004	south of the Bridge Street bridge to Nantucket Sound including Eel River, Barnstable.	0.52 sq mi	-Nutrients
<b>Charles</b>				
Alder Brook (7239475)	MA72-22_2004	Headwaters northwest of the Needham Reservoir, south of Penn Central railroad tracks, to confluence with Charles River, Needham.	0.76 miles	-Cause Unknown -Nutrients -Organic enrichment/Low DO

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Beaver Brook (7239125)	MA72-28_2004	Headwaters, south of Route 2, Lexington through culverting to Charles River, Waltham.	5.8 miles	-Cause Unknown -Nutrients -Siltation -Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens -Taste, odor and color -Turbidity
Bogastow Brook (7239775)	MA72-16_2004	Outlet Factory Pond, Holliston to inlet South End Pond, Millis.	10.1 miles	-Pathogens
Box Pond (72008)	MA72008_2004	Bellingham/Mendon	40.7 acres	-Nutrients -Siltation -Noxious aquatic plants
Bulloughs Pond (72011)	MA72011_2004	Newton	6.9 acres	-Nutrients -Noxious aquatic plants
Cambridge Reservoir, Upper Basin (72156)	MA72156_2004	Lincoln/Lexington	44.0 acres	-Noxious aquatic plants -Turbidity
Cedar Swamp Pond (72016)	MA72016_2004	Milford	98.9 acres	-Metals -(Flow alteration*) -Noxious aquatic plants
Chandler Pond (72017)	MA72017_2004	Boston	11.4 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants
Charles River (7239050)	MA72-01_2004	Source, outlet Echo Lake, Hopkinton to Dilla Street, Milford.	2.5 miles	-Nutrients -Pathogens
Charles River (7239050)	MA72-02_2004	Dilla Street, Milford to Milford WWTP, Hopedale.	3.0 miles	-Metals -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Noxious aquatic plants
Charles River (7239050)	MA72-03_2004	Milford WWTP, Hopedale to outlet Box Pond, Bellingham.	3.4 miles	-Cause Unknown -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Noxious aquatic plants
Charles River (7239050)	MA72-04_2004	Outlet Box Pond, Bellingham to outlet Populatic Pond, Norfolk/Medway.	11.4 miles	-Metals -Pathogens
Charles River (7239050)	MA72-05_2004	Outlet Populatic Pond, Norfolk/Medway to South Natick Dam, Natick.	17.9 miles	-Unknown toxicity -Metals -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Noxious aquatic plants -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Charles River (7239050)	MA72-06_2004	South Natick Dam, Natick to Chestnut Street, Needham.	8.3 miles	-Priority organics -Nutrients -Organic enrichment/Low DO -Pathogens -Noxious aquatic plants -Turbidity
Charles River (7239050)	MA72-07_2004	Chestnut Street, Needham to Watertown Dam, Watertown.	24.6 miles	-Priority organics -Nutrients -Organic enrichment/Low DO -Pathogens -Noxious aquatic plants -Turbidity -(Exotic species*)
Charles River (7239050)	MA72-08_2004	(Charles Basin) Watertown Dam, Watertown to Science Museum, Boston.	8.5 miles	-Cause Unknown -Unknown toxicity -Priority organics -Metals -Nutrients -Organic enrichment/Low DO -Pathogens -Oil and grease -Taste, odor and color -Noxious aquatic plants -Turbidity
Cheese Cake Brook (7239100)	MA72-29_2004	Headwaters, West Newton to confluence with Charles River, Newton.	1.4 miles	-Nutrients -Siltation -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Oil and grease -Taste, odor and color -Noxious aquatic plants
Factory Pond (72037)	MA72037_2004	Holliston	9.9 acres	-Noxious aquatic plants -(Exotic species*)
Franklin Reservoir Northeast (72095)	MA72095_2004	Franklin	22.4 acres	-Noxious aquatic plants -Turbidity
Franklin Reservoir Southwest (72032)	MA72032_2004	Franklin	13.0 acres	-Noxious aquatic plants -Turbidity
Fuller Brook (7239625)	MA72-18_2004	Headwaters south of Route 135, Needham to confluence with Waban Brook, Wellesley.	4.3 miles	-Cause Unknown -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Noxious aquatic plants
Hardys Pond (72045)	MA72045_2004	Waltham	42.8 acres	-Nutrients -Noxious aquatic plants -Turbidity -(Exotic species*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Houghton Pond (72050)	MA72050_2004	Holliston	17.5 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Jamaica Pond (72052)	MA72052_2004	Boston	66.7 acres	-Nutrients -Organic enrichment/Low DO
Jennings Pond (72053)	MA72053_2004	Natick	7.4 acres	-(Flow alteration*) -Noxious aquatic plants
Kendrick Street Pond (72055)	MA72055_2004	Needham	39.3 acres	-Turbidity
Linden Pond (72063)	MA72063_2004	Holliston	1.3 acres	-Noxious aquatic plants -Turbidity
Lymans Pond (72070)	MA72070_2004	Dover	4.2 acres	-Noxious aquatic plants -Turbidity
Mine Brook (7240200)	MA72-14_2004	Headwaters west of Maggotty Hill to the confluence with the Charles River, Franklin.	9.3 miles	-Cause Unknown -(Other habitat alterations*)
Mine Brook Pond (72077)	MA72077_2004	Franklin	4.7 acres	-Noxious aquatic plants -Turbidity
Mirror Lake (72078)	MA72078_2004	Wrentham/Norfolk	61.6 acres	-Nutrients -Noxious aquatic plants -Turbidity -(Exotic species*)
Muddy River (7239075)	MA72-11_2004	Outlet of unnamed pond, Olmstead Park, Boston to confluence with Charles River, Boston.	3.6 miles	-Priority organics -Metals -Nutrients -Siltation -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Oil and grease -Taste, odor and color
Populatic Pond (72096)	MA72096_2004	Norfolk	41.7 acres	-Metals -Noxious aquatic plants -Turbidity
Rock Meadow Brook (7239500)	MA72-21_2004	Headwaters in Fisher Meadow, Westwood through Stevens Pond and Lee Pond, Westwood to confluence Charles River, Dedham.	3.8 miles	-Pathogens
Rosemary Brook (7239325)	MA72-25_2004	Headwaters, outlet Rosemary Lake, Needham to confluence with Charles River, Wellesley.	3.3 miles	-Nutrients -Organic enrichment/Low DO -Pathogens -Taste, odor and color -Suspended solids -Turbidity
Sawmill Brook (7239400)	MA72-23_2004	Headwaters, Newton to confluence with Charles River, Boston.	2.4 miles	-Other inorganics -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -Noxious aquatic plants



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
South Meadow Brook (7239375)	MA72-24_2004	Isolated, interrupted, urban brook with 'headwaters' south of Route 9, Newton to confluence of Charles River, Newton.	1.7 miles	-Nutrients -Siltation -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -Turbidity
Stop River (7239925)	MA72-09_2004	Headwaters, Wrentham to Norfolk-Walpole MCI, Norfolk.	4.5 miles	-Cause Unknown -Organic enrichment/Low DO
Stop River (7239925)	MA72-10_2004	Norfolk-Walpole MCI, Norfolk to confluence with Charles River, Medfield.	6.1 miles	-Cause Unknown -Organic enrichment/Low DO -Pathogens
Trout Brook (7239575)	MA72-19_2004	Headwaters, outlet Channings Pond to confluence with Charles River, Dover.	2.8 miles	-Cause Unknown
Unnamed Tributary (7239055)	MA72-31_2004	Also known as "Millers River" - From the headwaters to the confluence with the Charles River, Cambridge.	0.20 miles	-Priority organics -Metals -(Other habitat alterations*) -Oil and grease -Taste, odor and color
Unnamed tributary (7239078)	MA72-32_2004	locally known as Sawins Brook. Headwaters east of Elm Street to confluence with Charles River, Watertown (sections culverted).	0.54 miles	-Pathogens
Unnamed Tributary (7239080)	MA72-30_2004	Unnamed tributary locally known as Laundry Brook. Emerges north of California Street, Watertown and flows north to confluence with Charles River, Watertown.	0.01 miles	-Cause Unknown -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -Turbidity
Lake Winthrop (72140)	MA72140_2004	Holliston	132 acres	-Pesticides -(Exotic species*)
<b>Chicopee</b>				
Alden Pond (36003)	MA36003_2004	Ludlow	3.6 acres	-Nutrients -Noxious aquatic plants
Bemis Pond (36011)	MA36011_2004	Chicopee	3.9 acres	-Suspended solids
Brookhaven Lake (36021)	MA36021_2004	West Brookfield	34.2 acres	-Turbidity
Chicopee River (3625000)	MA36-22_2004	Source, confluence of Ware River and Quaboag River, Palmer to Red Bridge Impoundment Dam, Wilbraham/Ludlow.	2.8 miles	-Pathogens
Chicopee River (3625000)	MA36-23_2004	Red Bridge Impoundment Dam to Wilbraham Pumping Station (old WWTP), Wilbraham/Ludlow.	4.0 miles	-Pathogens
Chicopee River (3625000)	MA36-24_2004	Wilbraham Pumping Station, Wilbraham/Ludlow to Chicopee Falls, Chicopee.	9.4 miles	-Pathogens
Chicopee River (3625000)	MA36-25_2004	Chicopee Falls to confluence with Connecticut River, Chicopee.	3.0 miles	-Pathogens
Cranberry River (3626300)	MA36-20_2004	Source, outlet Cranberry Meadow Pond to confluence with Sevenmile River, Spencer.	3.7 miles	-Chlorine
Dean Pond (36050)	MA36050_2004	Oakham	63.8 acres	-Noxious aquatic plants -Turbidity
Doane Pond (36054)	MA36054_2004	North Brookfield	27.7 acres	-Noxious aquatic plants
Eames Pond (36056)	MA36056_2004	Paxton	57.7 acres	-Organic enrichment/Low DO



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
East Branch Ware River (3628250)	MA36-01_2004	Outlet Bickford Pond, Hubbardston to confluence with the West Branch Ware River, Barre.	12.6 miles	-Organic enrichment/Low DO
Forget-Me-Not Brook (3626200)	MA36-28_2004	North Brookfield WWTP, North Brookfield to confluence with Dunn Brook, East Brookfield/Brookfield.	1.3 miles	-Cause Unknown -Unknown toxicity -Organic enrichment/Low DO -Taste, odor and color
Pottapaug Pond Basin (36125)	MA36125_2004	Petersham	568 acres	-Metals
Powder Mill Pond (36126)	MA36126_2004	Barre	18.4 acres	-Metals
Quabbin Reservoir (36129)	MA36129_2004	Petersham/Pelham/Ware/Hardwick/Shutesbury/Belchertown/New Salem	24012 acres	-Metals
Quaboag Pond (36130)	MA36130_2004	Brookfield/East Brookfield	544 acres	-Metals -(Exotic species*)
Quaboag River (3625450)	MA36-16_2004	Warren WWTP, Warren to Route 32 bridge, Palmer/Monson.	8.5 miles	-Pathogens -Taste, odor and color
Quaboag River (3625450)	MA36-17_2004	Route 32 bridge, Palmer/Monson to confluence with Ware River forming headwaters of Chicopee River, Palmer.	5.3 miles	-Pathogens
Quacumquasit Pond (36131)	MA36131_2004	Brookfield/East Brookfield/Sturbridge	223 acres	-Metals -(Exotic species*)
Sevenmile River (3626275)	MA36-11_2004	Source, outlet Browning Pond to confluence with Cranberry River, Spencer.	7.2 miles	-Pathogens
Sevenmile River (3626275)	MA36-12_2004	Confluence with Cranberry River, Spencer to confluence with East Brookfield River, East Brookfield.	2.5 miles	-Pathogens
Ware River (3626500)	MA36-06_2004	Ware Dam, Ware to Thorndike Dam, Palmer.	10.1 miles	-Pathogens
Ware River (3626500)	MA36-27_2004	Confluence of East Branch Ware and West Branch Ware rivers to MDC intake, Barre.	4.9 miles	-Organic enrichment/Low DO -Thermal modifications
Lake Whittemore (36165)	MA36165_2004	Spencer	52.2 acres	-Turbidity
<b>Concord</b>				
Assabet River (8246775)	MA82B-01_2004	Outlet Flow Augmentation Pond to Westborough WWTP, Westborough.	1.1 miles	-Nutrients -Organic enrichment/Low DO -Pathogens
Assabet River (8246775)	MA82B-02_2004	Westborough WWTP, Westborough to Route 20 Dam, Northborough.	4.0 miles	-Metals -Nutrients -Organic enrichment/Low DO -Pathogens
Assabet River (8246775)	MA82B-03_2004	Route 20 Dam, Northborough to Marlborough West WWTP, Marlborough.	2.4 miles	-Nutrients -Pathogens
Assabet River (8246775)	MA82B-04_2004	Marlborough West WWTP, Marlboro to Hudson WWTP, Hudson.	8.0 miles	-Cause Unknown -Metals -Nutrients -Organic enrichment/Low DO -Pathogens
Assabet River (8246775)	MA82B-05_2004	Hudson WWTP Hudson to Routes 27/62 at USGS Gage, Maynard.	9.0 miles	-Nutrients -Organic enrichment/Low DO -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Assabet River (8246775)	MA82B-06_2004	Routes 27/62 at USGS Gage, Maynard to Powdermill Dam, Acton.	1.2 miles	-Priority organics -Metals -Nutrients -Organic enrichment/Low DO -Thermal modifications -Taste, odor and color -Suspended solids -Noxious aquatic plants
Assabet River (8246775)	MA82B-07_2004	Powdermill Dam, Acton to confluence with Sudbury River, Concord.	6.5 miles	-Nutrients -Organic enrichment/Low DO -Pathogens
Assabet River Reservoir (82004)	MA82004_2004	Westborough	50.6 acres	-Metals -Noxious aquatic plants -Turbidity -(Exotic species*)
Boons Pond (82011)	MA82011_2004	Stow/Hudson	173 acres	-Metals -Noxious aquatic plants [6/28/2002-CN119.0] -(Exotic species*)
Carding Mill Pond (82015)	MA82015_2004	Sudbury	40.5 acres	-Nutrients -Noxious aquatic plants
Lake Cochituate (82020)	MA82020_2004	[North Basin] Natick/Framingham/Wayland	196 acres	-Priority organics -Organic enrichment/Low DO
Lake Cochituate (82125)	MA82125_2004	[Middle Basin] Natick/Wayland	135 acres	-Priority organics -Organic enrichment/Low DO
Lake Cochituate (82126)	MA82126_2004	[Carling Basin] Natick	14.3 acres	-Priority organics
Lake Cochituate (82127)	MA82127_2004	[South Basin] Natick	240 acres	-Priority organics -Organic enrichment/Low DO
Concord River (8246500)	MA82A-07_2004	Confluence with Assabet and Sudbury Rivers in Concord to Billerica Water Supply Filtration Plant building in Billerica.	10.5 miles	-Metals -Nutrients -Pathogens
Concord River (8246500)	MA82A-08_2004	Billerica Water Supply Filtration Plant building in Billerica to the Roger Street bridge in Lowell.	5.0 miles	-Metals -Nutrients
Concord River (8246500)	MA82A-09_2004	Rogers Street bridge in Lowell to confluence with Merrimack River, Lowell.	0.06 miles	-Metals -Nutrients -Pathogens
Dudley Pond (82029)	MA82029_2004	Wayland	83.2 acres	-Turbidity -(Exotic species*)
Eames Brook (8248125)	MA82A-13_2004	Outlet of Farm Pond to confluence with the Sudbury River, Framingham.	0.56 miles	-Cause Unknown -Noxious aquatic plants -(Exotic species*)
Elizabeth Brook (8247150)	MA82B-12_2004	From outlet of unnamed pond (Delaney Project) west of Harvard Road to inlet Fletchers Pond, Stow.	3.7 miles	-Cause Unknown
Farm Pond (82035)	MA82035_2004	Framingham	140 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Fort Meadow Reservoir (82042)	MA82042_2004	Marlborough/Hudson	248 acres	-Nutrients

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Framingham Reservoir #1 (82044)	MA82044_2004	Framingham	118 acres	-Metals -(Exotic species*)
Framingham Reservoir #2 (82045)	MA82045_2004	Framingham/Ashland	110 acres	-Metals -Turbidity
Grist Mill Pond (82055)	MA82055_2004	Sudbury/Marlborough	16.7 acres	-Nutrients -Pathogens -Noxious aquatic plants
Hager Pond (82056)	MA82056_2004	Marlborough	29.9 acres	-Nutrients -Pathogens -Noxious aquatic plants -Turbidity
Heard Pond (82058)	MA82058_2004	Wayland	75.6 acres	-Metals -(Exotic species*)
Hocomonco Pond (82060)	MA82060_2004	Westborough	26.9 acres	-Priority organics
Hop Brook (8247825)	MA82A-05_2004	Outlet of Carding Millpond to confluence with Landham Brook, Sudbury.	6.8 miles	-Nutrients -Organic enrichment/Low DO -Suspended solids -Noxious aquatic plants
Hopkinton Reservoir (82061)	MA82061_2004	Hopkinton/Ashland	161 acres	-Organic enrichment/Low DO -(Exotic species*)
Indian Brook (8248400)	MA82A-12_2004	Outlet of Icehouse Pond, Hopkinton through Hopkinton Reservoir to confluence with Sudbury River, Ashland.	5.3 miles	-Cause Unknown
Long Pond (82072)	MA82072_2004	Littleton	102 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants
Nutting Lake (82088)	MA82088_2004	Billerica	30.5 acres	-Metals -(Exotic species*)
Nutting Lake (82124)	MA82124_2004	Billerica	51.4 acres	-Metals
Pine Brook (8247950)	MA82A-14_2004	Source near Rice Road (southwest of Wayland/Weston town line) to confluence with Sudbury River, Wayland.	2.8 miles	-Cause Unknown
Puffers Pond (82092)	MA82092_2004	Maynard/Sudbury	28.4 acres	-Metals
River Meadow Brook (8246525)	MA82A-10_2004	Outlet Russell Mill Pond, Chelmsford to confluence with Concord River, Lowell.	6.4 miles	-Pathogens
Saxonville Pond (82097)	MA82097_2004	Framingham	58.8 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Stearns Mill Pond (82104)	MA82104_2004	Sudbury	19.1 acres	-Nutrients -Noxious aquatic plants -Turbidity
Sudbury Reservoir (82106)	MA82106_2004	Southborough/Marlborough	1178 acres	-Metals
Sudbury River (8247650)	MA82A-02_2004	Fruit Street Bridge, Hopkinton to outlet Saxonville Pond, Framingham.	14.1 miles	-Metals
Sudbury River (8247650)	MA82A-03_2004	Outlet Saxonville Pond to confluence with Wash Brook, Sudbury.	5.5 miles	-Metals
Sudbury River (8247650)	MA82A-04_2004	Confluence Wash Brook, Sudbury to confluence with Assabet River, Concord.	11.7 miles	-Metals
Unnamed Tributary (8247880)	MA82A-17_2004	Outlet Grist Millpond to inlet Carding Millpond, Sudbury.	0.52 miles	-Nutrients -Organic enrichment/Low DO -Suspended solids -Noxious aquatic plants

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Unnamed Tributary (8247885)	MA82A-16_2004	Outlet of Hager Pond to inlet of Grist Millpond, Marlboro.	0.16 miles	-Nutrients -Organic enrichment/Low DO -Suspended solids -Noxious aquatic plants
Unnamed Tributary (8247890)	MA82A-15_2004	Source northeast of Indian Head Hill (near Route 20) to inlet Hager Pond, Marlborough.	1.1 miles	-Nutrients -Organic enrichment/Low DO -Suspended solids -Noxious aquatic plants
Walden Pond (82109)	MA82109_2004	Concord	62.9 acres	-Metals -Organic enrichment/Low DO
Warners Pond (82110)	MA82110_2004	Concord	59.3 acres	-Metals -(Exotic species*)
Wash Brook (8247800)	MA82A-06_2004	Confluence of Hop Brook and Landham Brook, Sudbury to confluence with Sudbury River, Wayland.	3.0 miles	-Nutrients -Pathogens -Suspended solids -Noxious aquatic plants
Whitehall Reservoir (82120)	MA82120_2004	Hopkinton	560 acres	-Metals -Nutrients -Organic enrichment/Low DO -(Exotic species*)
<b>Connecticut</b>				
Arcadia Lake (34005)	MA34005_2004	Belchertown	32.3 acres	-Nutrients -Noxious aquatic plants -(Exotic species*)
Bartons Cove (34122)	MA34122_2004	(CT River) Gill	160 acres	-Priority organics -(Exotic species*)
Connecticut River (3417100)	MA34-01_2004	New Hampshire/Vermont/Massachusetts state line to Route 10 bridge, Northfield.	3.5 miles	-Priority organics -(Flow alteration*) -(Other habitat alterations*) -Pathogens
Connecticut River (3417100)	MA34-02_2004	Route 10 bridge, Northfield to Turners Falls Dam, Gill/Montague.	11.3 miles	-Priority organics -(Flow alteration*) -(Other habitat alterations*)
Connecticut River (3417100)	MA34-03_2004	Turners Falls Dam, Gil/Montague to confluence with Deerfield River, Greenfield/Montague/Deerfield.	3.6 miles	-Priority organics -(Flow alteration*) -Suspended solids
Connecticut River (3417100)	MA34-04_2004	Confluence with Deerfield River, Greenfield/Montague/Deerfield to Holyoke Dam, Holyoke/South Hadley.	34.1 miles	-Priority organics -Pathogens
Connecticut River (3417100)	MA34-05_2004	Holyoke Dam, Holyoke/South Hadley to Connecticut state line, Longmeadow/Agawam.	15.4 miles	-Priority organics -Pathogens -Suspended solids
Forge Pond (34024)	MA34024_2004	Granby	72.0 acres	-Nutrients -Noxious aquatic plants -(Exotic species*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Lampson Brook (3418125)	MA34-06_2004	Belchertown WWTP to confluence with Weston Brook, Belchertown.	1.2 miles	-Unionized Ammonia -Chlorine -Nutrients -Organic enrichment/Low DO
Leaping Well Reservoir (34040)	MA34040_2004	South Hadley	8.8 acres	-Noxious aquatic plants
Log Pond Cove (34124)	MA34124_2004	Holyoke	19.2 acres	-Priority organics -(Exotic species*)
Lake Lookout (34044)	MA34044_2004	Springfield	6.6 acres	-Noxious aquatic plants -Turbidity
Lower Pond (34049)	MA34049_2004	South Hadley	5.4 acres	-Noxious aquatic plants -(Exotic species*)
Metacomet Lake (34051)	MA34051_2004	Belchertown	50.5 acres	-Organic enrichment/Low DO -(Exotic species*)
Mill Pond (34052)	MA34052_2004	Springfield	13.2 acres	-Taste, odor and color -Noxious aquatic plants
Mountain Lake (34055)	MA34055_2004	Chicopee	10.5 acres	-Noxious aquatic plants -Turbidity
Nashawannuck Pond (34057)	MA34057_2004	Easthampton	30.0 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Noonan Cove (34058)	MA34058_2004	Springfield	2.7 acres	-Noxious aquatic plants -Turbidity
Oxbow (34066)	MA34066_2004	Northampton/Easthampton	130 acres	-Turbidity
Porter Lake (34073)	MA34073_2004	Springfield	27.9 acres	-Noxious aquatic plants -(Exotic species*)
Porter Lake West (34072)	MA34072_2004	Springfield	5.0 acres	-Noxious aquatic plants -(Exotic species*)
Rubber Thread Pond (34105)	MA34105_2004	Easthampton	3.4 acres	-Noxious aquatic plants
Upper Van Horn Park Pond (34128)	MA34128_2004	Springfield (Changed from MA36158 to 34128 on 6/21/02, TRD)	8.3 acres	-Nutrients -Noxious aquatic plants -Turbidity
Venture Pond (34096)	MA34096_2004	Springfield	6.5 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Watershops Pond (34099)	MA34099_2004	Springfield	163 acres	-Noxious aquatic plants -Turbidity
Weston Brook (3418100)	MA34-23_2004	Headwaters Belchertown to inlet Forge Pond, Granby.	2.7 miles	-Unionized Ammonia -Chlorine -Nutrients -Organic enrichment/Low DO -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Deerfield</b>				
Chickley River (3315425)	MA33-11_2004	Headwaters Savoy Mountain State Forest, Savoy to confluence with Deerfield River, Charlemont.	8.7 miles	-Pathogens
Davis Mine Brook (3315250)	MA33-18_2004	Headwaters, just south of Dell Road, Rowe to confluence with Mill Brook, Charlemont.	3.3 miles	-pH
Green River (3312925)	MA33-30_2004	From Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield to confluence with the Deerfield River, Greenfield . (formerly segment MA33-10 and part of segment MA33-09)	3.7 miles	-Pathogens
Plainfield Pond (33017)	MA33017_2004	Plainfield	59.6 acres	-Metals
Sherman Reservoir (33018)	MA33018_2004	Rowe/Monroe/Whitingham, Vt.	154 acres	-Metals
South River (3313650)	MA33-08_2004	Emments Road Ashfield to confluence with Deerfield River, Conway.	12.9 miles	-(Other habitat alterations*) -Pathogens
<b>Farmington</b>				
Big Pond (31004)	MA31004_2004	Otis	325 acres	-Metals -Organic enrichment/Low DO
Otis Reservoir (31027)	MA31027_2004	Otis/Tolland/Blandford	659 acres	-Metals
Shaw Pond (31036)	MA31036_2004	Becket	80.4 acres	-Organic enrichment/Low DO
Upper Spectacle Pond (31044)	MA31044_2004	Sandisfield/Otis	52.7 acres	-Organic enrichment/Low DO
York Lake (31052)	MA31052_2004	New Marlborough	28.8 acres	-Organic enrichment/Low DO
<b>French</b>				
Buffumville Lake (42005)	MA42005_2004	Charlton/Oxford	199 acres	-Metals -Noxious aquatic plants [7/12/2002-CN110.0] -(Exotic species*)
French River (4230075)	MA42-03_2004	Greenville Pond, Leicester to North Oxford Dam immediately upstream of Clara Barton Road, (McIntyre Road extension), Oxford.	4.7 miles	-Metals
French River (4230075)	MA42-05_2004	Dam at North Village to Webster/Dudley WWTP, Webster/Dudley.	2.4 miles	-Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -(Objectionable deposits*)
French River (4230075)	MA42-06_2004	Webster-Dudley WWTP to Connecticut state line.	0.92 miles	-Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -Turbidity -(Objectionable deposits*)
Little River (4230275)	MA42-09_2004	Outlet Pikes Pond, Charlton to confluence with French River, Oxford.	7.1 miles	-Metals
Texas Pond (42058)	MA42058_2004	Oxford	27.9 acres	-Metals -Noxious aquatic plants [7/12/2002-CN110.0]
Thayers Pond (42059)	MA42059_2004	Oxford	6.4 acres	-Metals -Nutrients -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Hoosic</b>				
Cheshire Reservoir (11002)	MA11002_2004	[North Basin] Cheshire/Lanesborough	284 acres	-Nutrients -Noxious aquatic plants -Turbidity -(Exotic species*)
Cheshire Reservoir (11018)	MA11018_2004	[Middle Basin] Cheshire/Lanesborough	186 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Green River (1100650)	MA11-06_2004	Headwaters southwest of Sugarloaf Mountain (west of Ingraham Road) New Ashford to confluence with Hoosic River, Williamstown.	12.5 miles	-Cause Unknown -Organic enrichment/Low DO -Pathogens
Hoosic River (1100500)	MA11-03_2004	Headwaters, outlet Cheshire Reservoir, Cheshire to Adams WWTP, Adams.	8.9 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens
Hoosic River (1100500)	MA11-04_2004	Adams WWTP, Adams to confluence with North Branch Hoosic River, North Adams.	5.4 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens
Hoosic River (1100500)	MA11-05_2004	Confluence with North Branch Hoosic River, North Adams to the Vermont State line, Williamstown.	8.2 miles	-Cause Unknown -Priority organics -Nutrients -(Other habitat alterations*) -Pathogens
North Branch Hoosic River (1100925)	MA11-01_2004	Vermont State line, Clarksburg to USGS Gage, North Adams.	4.3 miles	-Siltation -Pathogens
North Branch Hoosic River (1100925)	MA11-02_2004	From USGS Gage, North Adams to confluence with Hoosic River, North Adams.	1.5 miles	-Priority organics -Siltation -(Other habitat alterations*) -Pathogens -Suspended solids
Paull Brook (1100850)	MA11-20_2004	Outlet of Mt. Williams Reservoir, North Adams to confluence with unnamed tributary, Williamstown.	2.1 miles	-Other inorganics -Nutrients -Pathogens -Oil and grease
South Brook (1101475)	MA11-15_2004	Source, west of Weston Mountain, Dalton to confluence with the Hoosic River, Cheshire.	4.1 miles	-Pathogens
West Branch Green River (1100725)	MA11-22_2004	Headwaters, west of Route 43, Hancock (near New York border) to confluence with Green River, Williamstown.	8.4 miles	-Cause Unknown -Organic enrichment/Low DO
<b>Housatonic</b>				
Lake Buel (21014)	MA21014_2004	Monterey/New Marlborough	194 acres	-Nutrients -(Exotic species*)
Center Pond (21016)	MA21016_2004	Dalton	28.0 acres	-Priority organics
East Branch Housatonic River (2105275)	MA21-01_2004	Outlet Muddy Pond, Washington to outlet Center Pond, Dalton.	12.1 miles	-Priority organics



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
East Branch Housatonic River (2105275)	MA21-02_2004	Crane Paper Company, outlet Center Pond, Dalton to confluence with Housatonic River, Pittsfield.	7.2 miles	-Cause Unknown -Unknown toxicity -Priority organics -Pathogens
Goose Pond Brook (2104775)	MA21-07_2004	Outlet Goose Pond, Tyringham to confluence with Housatonic River, Lee.	3.2 miles	-Pathogens
Housatonic River (2103450)	MA21-04_2004	Confluence of Southwest Branch Housatonic River and West Branch Housatonic River, Pittsfield to outlet to outlet Woods Pond, Lee/Lenox.	12.1 miles	-Priority organics -Pathogens -Turbidity
Housatonic River (2103450)	MA21-19_2004	Outlet Woods Pond, Lee/Lenox to Risingdale Impoundment Dam, Great Barrington (village of Risingdale).	21.0 miles	-Unknown toxicity -Priority organics -Thermal modifications -Pathogens -Turbidity
Housatonic River (2103450)	MA21-20_2004	Outlet Risingdale Impoundment, Great Barrington to Connecticut state line, Sheffield.	23.4 miles	-Priority organics -Pathogens -Taste, odor and color
Hubbard Brook (2103750)	MA21-15_2004	Source in Egremont, northwest of Townhouse Hill Road to the confluence with Housatonic River, Sheffield.	9.4 miles	-Pathogens
Konkapot River (2103525)	MA21-25_2004	Outlet of Brewer Lake, Monterey to the Connecticut border, New Marlborough.	16.5 miles	-Metals
Konkapot River (2103525)	MA21-26_2004	Connecticut/Massachusetts border, to the confluence with the Housatonic River, Sheffield.	2.9 miles	-Metals -Organic enrichment/Low DO -Pathogens
Pontoosuc Lake (21083)	MA21083_2004	Lanesborough/Pittsfield	500 acres	-Metals -(Exotic species*)
Risingdale Impoundment (21121)	MA21121_2004	Great Barrington	42.2 acres	-Priority organics
Southwest Branch Housatonic River (2106025)	MA21-17_2004	Headwaters, outlet Richmond Pond, to confluence West Branch Housatonic River, Pittsfield.	5.4 miles	-Cause Unknown -Siltation -(Other habitat alterations*)
West Branch Housatonic River (2105775)	MA21-18_2004	Headwaters, outlet Pontoosuc Lake to confluence Southwest Branch Housatonic River (forming headwaters Housatonic River), Pittsfield.	4.4 miles	-Priority organics -Siltation -(Other habitat alterations*) -Pathogens
Woods Pond (21120)	MA21120_2004	Lenox/Lee	111 acres	-Priority organics -Noxious aquatic plants -Turbidity
<b>Ipswich</b>				
Brackett Pond (92004)	MA92004_2004	Andover	15.7 acres	-Turbidity
Collins Pond (92010)	MA92010_2004	Andover	2.1 acres	-Noxious aquatic plants -Turbidity
Crystal Pond (92013)	MA92013_2004	Peabody	8.2 acres	-Nutrients -Noxious aquatic plants -Turbidity



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Devils Dishfull Pond (92015)	MA92015_2004	Peabody	14.3 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity -(Exotic species*)
Frye Pond (92023)	MA92023_2004	Andover	7.3 acres	-Noxious aquatic plants
Hood Pond (92025)	MA92025_2004	Ipswich	67.4 acres	-Metals
Howlett Brook (9253750)	MA92-17_2004	Headwaters north of Great Hill, Topsfield to confluence with Ipswich River, Topsfield.	2.5 miles	-Cause Unknown -Pathogens
Ipswich River (9253500)	MA92-02_2004	Ipswich Dam (formerly known as Sylvania Dam), Ipswich to mouth at Ipswich Bay, Ipswich.	0.44 sq mi	-Pathogens
Ipswich River (9253500)	MA92-06_2004	Source at confluence of Maple Meadow Brook and Lubbers Brook, Wilmington, to Salem Beverly Waterway Canal, Topsfield.	20.4 miles	-Nutrients -Organic enrichment/Low DO -(Flow alteration*)
Ipswich River (9253500)	MA92-15_2004	Salem Beverly Waterway Canal, Topsfield to Ipswich Dam (formerly known as Sylvania Dam), Ipswich.	11.0 miles	-Organic enrichment/Low DO -(Flow alteration*)
Kimball Brook (9253625)	MA92-21_2004	Headwaters, west of Scott Hill, Ipswich to confluence with Ipswich River, Ipswich.	2.2 miles	-Organic enrichment/Low DO -Pathogens
Labor In Vain Creek (9253600)	MA92-22_2004	South of Argilla Road, Ipswich to confluence with Ipswich River Estuary, Ipswich.	0.03 sq mi	-Organic enrichment/Low DO -Pathogens
Lowe Pond (92034)	MA92034_2004	Boxford	35.8 acres	-Metals -(Exotic species*)
Martins Brook (9254000)	MA92-08_2004	Outlet of Martins Pond, North Reading to the confluence with the Ipswich River, North Reading.	4.6 miles	-Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens
Martins Pond (92038)	MA92038_2004	North Reading	89.0 acres	-Metals -Noxious aquatic plants -Turbidity -(Exotic species*)
Miles River (9253650)	MA92-03_2004	Outlet Longham Reservoir, Beverly to confluence with Ipswich River, Ipswich.	8.9 miles	-Cause Unknown -Organic enrichment/Low DO -Pathogens
Mill Pond (92041)	MA92041_2004	Burlington	59.1 acres	-Metals
Norris Brook (9253950)	MA92-11_2004	Outlet of Elginwood Pond, Peabody to confluence with Ipswich River, Danvers (Danvers/Middleton town line).	1.5 miles	-Organic enrichment/Low DO -Suspended solids -Turbidity
Salem Pond (92057)	MA92057_2004	North Andover	14.7 acres	-Turbidity
Unnamed Tributary (9253585)	MA92-23_2004	Headwaters, east of Jeffreys Neck Road, north of Newmarch Street to confluence with Ipswich River Estuary, Ipswich. (locally known as Greenwood Creek)	0.03 sq mi	-Pathogens
Unnamed Tributary (9253945)	MA92-12_2004	Outlet of Middleton Pond, Middleton to confluence with Ipswich River, Middleton.	1.3 miles	-Pathogens
Wills Brook (9253975)	MA92-10_2004	Headwater, (just north of Lowell Street) Lynnfield to confluence with Ipswich River, Lynnfield.	1.7 miles	-Organic enrichment/Low DO -Pathogens
<b>Islands</b>				
Chilmark Pond (97009)	MA97-05_2004	South of South Road including Wades Cove and Gilberts Cove, Chilmark, Martha's Vineyard.	0.31 sq mi	-Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Cuttyhunk Pond (97015)	MA97-21_2004	Waters west of the channel connecting Cuttyhunk Pond to Cuttyhunk Harbor, Gosnold, Elizabeth Islands. (Changed from MA95-26 to MA97-21 on 10/7/97)	0.15 sq mi	-Pathogens
Edgartown Great Pond (97022)	MA97-17_2004	excluding Jacobs Pond (PALIS# 97038) Edgartown, Martha's Vineyard.	1.4 sq mi	-Pathogens
Edgartown Harbor (97907)	MA97-15_2004	Waters west of Cape Poge Gut bounded by an imaginary line drawn from Chappaquiddick Point to Dock Street and northeasterly from the end of Plantingfield Way to Cape Poge Elbow (excluding Eel Pond), Edgartown, Martha's Vineyard.	3.1 sq mi	-Pathogens
Gibbs Pond (97028)	MA97028_2004	Nantucket	34.0 acres	-Metals
Hither Creek (9764000)	MA97-28_2004	From the outlet of Madaket Ditch to Madaket Harbor at an imaginary line drawn easterly from Jackson Point to Little Neck, Nantucket	0.07 sq mi	-Nutrients -Organic enrichment/Low DO
Katama Bay (97908)	MA97-16_2004	Waters south of an imaginary line from Chappaquiddick Point to Dock Street excluding Caleb Pond and Mattakeset Bay, Edgartown, Martha's Vineyard.	2.0 sq mi	-Pathogens
Lagoon Pond (97044)	MA97-11_2004	From Head of the Pond Road to confluence with Vineyard Haven Harbor at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	0.82 sq mi	-Other habitat alterations -Pathogens
Long Pond (97050)	MA97-29_2004	South of Madaket Road, including White Goose Cove, Nantucket	0.12 sq mi	-Nutrients -Organic enrichment/Low DO -Pathogens -Turbidity
Madaket Harbor (97910)	MA97-27_2004	Waters encompassed within imaginary lines from Eel Point to the northern tip of Esther Island, from the southern tip of Esther Island southeasterly to the opposite shore and from Jackson Point easterly to Little Neck, Nantucket	1.4 sq mi	-Pathogens
Miacomet Pond (97055)	MA97055_2004	Nantucket	34.2 acres	-Metals
Nantucket Harbor (97901)	MA97-01_2004	Waters south and east of an imaginary line drawn from Jetties Beach to Coatue Point (excluding Polpis Harbor and Coskata Pond), Nantucket.	7.2 sq mi	-Nutrients -Pathogens -Noxious aquatic plants
Oak Bluffs Harbor (97103)	MA97-07_2004	North of Lake Avenue to confluence with Nantucket Sound, Oak Bluffs, Martha's Vineyard.	0.05 sq mi	-Pathogens
Polpis Harbor (97909)	MA97-26_2004	Polpis Harbor and all adjacent coves, to an imaginary line drawn from Quaise Point to the opposite shore, Nantucket.	0.30 sq mi	-Nutrients -Other habitat alterations -Pathogens
Sesachacha Pond (97084)	MA97-02_2004	South of Quidnet Road and north of Polpis Road, Nantucket.	0.42 sq mi	-Pathogens
Seths Pond (97085)	MA97085_2004	West Tisbury	10.8 acres	-Noxious aquatic plants -Turbidity
Lake Tashmoo (97095)	MA97-12_2004	Waters including Drew Cove and Rhoda Pond to confluence with Vineyard Sound at channel south of Herring Creek Road, Tisbury, Martha's Vineyard.	0.41 sq mi	-Other habitat alterations
Tisbury Great Pond (97096)	MA97-18_2004	Including Town Cove, Muddy Cove, Pear Tree Cove, Short Cove, Tiah Cove, Tississa Pond, Deep Bottom Cove, and Thumb Cove, Chilmark/West Tisbury, Martha's Vineyard.	1.1 sq mi	-Pathogens
Tom Nevers Pond (97097)	MA97097_2004	Nantucket	11.2 acres	-Metals
Vineyard Haven Harbor (97905)	MA97-09_2004	The waters south and west of an imaginary line drawn from the tip of West Chop, Tisbury and the tip of East Chop, Oak Bluffs to the confluence of Lagoon Pond at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	1.5 sq mi	-Pathogens
Westend Pond (97029)	MA97-20_2004	Cuttyhunk Island, Gosnold, Elizabeth Islands.	0.06 sq mi	-Pathogens
<b>Kinderhook</b>				
Kinderhook Creek (1202150)	MA12-01_2004	Headwaters, northwest of Sheeps Heaven Mountain and east of Route 43, Hancock to New York/Massachusetts border, Hancock.	5.5 miles	-Cause Unknown

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Merrimack</b>				
Lake Attitash (84002)	MA84002_2004	Amesbury/Merrimac	369 acres	-Metals
Back River (8450325)	MA84A-16_2004	New Hampshire state line to confluence with Powwow River, Amesbury.	3.5 miles	-Siltation -Pathogens -Turbidity
Bare Meadow Brook (8450750)	MA84A-18_2004	Headwaters to confluence with Merrimack River, Methuen.	3.0 miles	-Siltation -Organic enrichment/Low DO -Pathogens -Turbidity
Beaver Brook (8451075)	MA84A-11_2004	New Hampshire state line Dracut to confluence with Merrimack River, Lowell.	4.8 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens -Oil and grease -Turbidity -(Objectionable deposits*)
Beaver Brook (8451475)	MA84B-02_2004	Outlet Mill Pond, Littleton to inlet Forge Pond, Westford.	6.4 miles	-Nutrients -pH -Organic enrichment/Low DO -Pathogens -Suspended solids
Black Brook (8451175)	MA84A-17_2004	Headwaters, Chelmsford to confluence with Merrimack River, Lowell.	2.3 miles	-Unknown toxicity -Siltation -Pathogens -Turbidity
Chadwicks Pond (84006)	MA84006_2004	Haverhill/Boxford	173 acres	-Metals
Cobbler Brook (8450500)	MA84A-22_2004	Headwaters to confluence with Merrimack River, Merrimac.	4.3 miles	-Cause Unknown -Unknown toxicity
Lake Cochichewick (84008)	MA84008_2004	North Andover	575 acres	-Metals
Crystal Lake (84010)	MA84010_2004	Haverhill	161 acres	-Metals
Deep Brook (8451550)	MA84A-21_2004	Headwaters east of Everett Turnpike, Tyngsboro to confluence with Merrimack River, Chelmsford.	2.9 miles	-Unknown toxicity -Siltation -Organic enrichment/Low DO -Pathogens
Flint Pond (84012)	MA84012_2004	Tyngsborough	72.2 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Forest Lake (84014)	MA84014_2004	Methuen	47.8 acres	-Metals -Noxious aquatic plants
Haggets Pond (84022)	MA84022_2004	Andover	211 acres	-Metals
Hoveys Pond (84025)	MA84025_2004	Boxford	36.1 acres	-Metals
Johnsons Pond (84027)	MA84027_2004	Groveland/Boxford	194 acres	-Metals -Organic enrichment/Low DO
Kenoza Lake (84028)	MA84028_2004	Haverhill	240 acres	-Metals
Little River (8450575)	MA84A-09_2004	New Hampshire state line, Haverhill to confluence with Merrimack River, Haverhill.	4.6 miles	-(Other habitat alterations*) -Pathogens
Locust Pond (84031)	MA84031_2004	Tyngsborough	16.1 acres	-Metals

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Long Pond (84032)	MA84032_2004	Dracut/Tyngsborough	167 acres	-Metals -Noxious aquatic plants
Martins Pond Brook (8451825)	MA84A-19_2004	Outlet Martins Pond to inlet Lost Lake, Groton. Most 2.4-0.0	2.3 miles	-Siltation -Organic enrichment/Low DO -Turbidity
Massapoag Pond (84087)	MA84087_2004	Dunstable/Groton/Tyngsborough	111 acres	-Metals -Organic enrichment/Low DO -Noxious aquatic plants -(Exotic species*)
Merrimack River (8450125)	MA84A-01_2004	State line at Hudson, NH/Tyngsborough, MA to Pawtucket Dam, Lowell.	9.7 miles	-Metals -Pathogens
Merrimack River (8450125)	MA84A-02_2004	Pawtucket Dam to Duck Island, Lowell.	3.3 miles	-Metals -Nutrients -(Flow alteration*) -Pathogens
Merrimack River (8450125)	MA84A-03_2004	Duck Island, Lowell to Essex Dam, Lawrence.	8.7 miles	-Priority organics -Metals -Nutrients -Pathogens
Merrimack River (8450125)	MA84A-04_2004	Essex Dam, Lawrence to confluence with Creek Brook, Haverhill.	7.0 miles	-Priority organics -Nutrients -Pathogens
Merrimack River (8450125)	MA84A-05_2004	Confluence Creek Brook, Haverhill to confluence Indian River, West Newbury.	2.2 sq mi	-Priority organics -Unionized Ammonia -Pathogens
Merrimack River (8450125)	MA84A-06_2004	Confluence Indian River, West Newbury to mouth at Atlantic Ocean, Newburyport/Salisbury.	4.4 sq mi	-Priority organics -Pathogens
Merrimack River (8450125)	MA84A-26_2004	The Basin in the Merrimack River Estuary, Newbury/Newburyport.	0.17 sq mi	-Pathogens
Mill Pond (84038)	MA84038_2004	[North Basin] Littleton	30.2 acres	-Noxious aquatic plants
Mill Pond (84081)	MA84081_2004	[South Basin] Littleton	12.4 acres	-Noxious aquatic plants
Millvale Reservoir (84041)	MA84041_2004	Haverhill	44.4 acres	-Metals
Newfield Pond (84046)	MA84046_2004	Chelmsford	76.8 acres	-Metals -Organic enrichment/Low DO -Noxious aquatic plants -(Exotic species*)
Lake Pentucket (84051)	MA84051_2004	Haverhill	37.8 acres	-Metals
Plum Island River (8450000)	MA84A-27_2004	From Chaces Island Merimack Estuary to the "high sandy" sand bar just north of the confluence with Pine Island Creek, Newbury. (Formerly encompassed in MA84A-23)	0.13 sq mi	-Pathogens
Powwow River (8450300)	MA84A-08_2004	Tidal portion to confluence with Merrimack River, Amesbury.	0.06 sq mi	-Pathogens
Powwow River (8450300)	MA84A-25_2004	Outlet of Lake Gardner to tidal portion just east/downstream of Main St, Amesbury.	0.59 miles	-Pathogens -Suspended solids -Noxious aquatic plants -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Powwow River (8450300)	MA84A-28_2004	Headwaters - Outlet Tuxbury Pond, Amesbury to inlet Lake Gardner, South Hampton, New Hampshire.	3.4 miles	-Pathogens -Suspended solids -Noxious aquatic plants -Turbidity
Lake Saltonstall (84059)	MA84059_2004	Haverhill	44.1 acres	-Metals
Spectacle Pond (84089)	MA84089_2004	Littleton/Ayer	79.1 acres	-Organic enrichment/Low DO -Noxious aquatic plants -(Exotic species*)
Spicket River (8450800)	MA84A-10_2004	New Hampshire state line Methuen to confluence with Merrimack River, Lawrence.	5.8 miles	-Cause Unknown -Metals -Nutrients -(Other habitat alterations*) -Pathogens -(Objectionable deposits*)
Stevens Pond (84064)	MA84064_2004	North Andover	23.0 acres	-Metals
Stony Brook (8451200)	MA84B-03_2004	Outlet Forge Pond to Brookside Road, Westford.	7.4 miles	-Cause Unknown -pH -Organic enrichment/Low DO -Pathogens -Turbidity
Stony Brook (8451200)	MA84B-04_2004	Brookside Road, Westford to confluence with Merrimack River, Chelmsford.	3.5 miles	-Cause Unknown -Nutrients -pH -Organic enrichment/Low DO -Pathogens
Unnamed Tributary (8451480)	MA84B-01_2004	(Locally known as Reedy Meadow Brook) Headwaters, outlet of small unnamed impoundment west/upstream of Bruce Rd. to inlet Mill Pond, Littleton.	1.5 miles	-Nutrients -pH -Organic enrichment/Low DO -Pathogens -Suspended solids
Ward Pond (84096)	MA84096_2004	PALIS id changed from 35094 to 84096 on October 10, 1997. (WBID from MA35094 to MA84096) Ashburnham	54.0 acres	-Organic enrichment/Low DO
<b>Millers</b>				
Beaver Brook (3523600)	MA35-09_2004	Fernald School discharge, Templeton to confluence with Millers River, Royalston.	3.4 miles	-Priority organics -Metals -Pathogens
Boyce Brook (3523400)	MA35-17_2004	NH State Line, Royalston to confluence with East Branch Tully River, Royalston.	3.2 miles	-Priority organics -Metals
Lake Denison (35017)	MA35017_2004	Winchendon	83.5 acres	-Metals -Organic enrichment/Low DO [2/5/2003-CN123.2]
East Branch Tully River (3523275)	MA35-12_2004	Confluence of Tully Brook and Falls Brook in Royalston State Forest, Royalston through Long Pond and Tully Lake to confluence with the West Branch Tully River forming headwaters Tully River, Orange/Athol.	10.1 miles	-Priority organics -Metals
Gales Pond (35024)	MA35024_2004	Warwick	11.7 acres	-Metals -Turbidity
Keyup Brook (3522375)	MA35-16_2004	Headwaters Great Swamp Northfield State Forest, Northfield, to confluence with Millers River, Erving.	5.0 miles	-Priority organics -Metals

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Laurel Lake (35035)	MA35035_2004	Erving/Warwick	44.4 acres	-Organic enrichment/Low DO
Lawrence Brook (3523325)	MA35-13_2004	New Hampshire state line, Royalston through Doane Falls to confluence with East Branch Tully River, Royalston.	7.1 miles	-Priority organics -Metals
Lyons Brook (3522175)	MA35-19_2004	Outlet of Ruggles Pond, Wendell to confluence with Millers River, Montague/Wendell	2.1 miles	-Priority organics -Metals
Millers River (3522150)	MA35-01_2004	Outlet of Whitney Pond, Winchendon to Winchendon WWTP, Winchendon.	3.3 miles	-Unknown toxicity -Priority organics -Metals -Nutrients -Pathogens
Millers River (3522150)	MA35-02_2004	Winchendon WWTP, Winchendon to confluence with Otter River, Winchendon.	5.6 miles	-Unknown toxicity -Priority organics -Metals -Nutrients
Millers River (3522150)	MA35-03_2004	Confluence with Otter River, Winchendon to South Royalston USGS Gage, South Royalston.	3.5 miles	-Priority organics -Metals -Nutrients
Millers River (3522150)	MA35-04_2004	South Royalston USGS Gage, Royalston to Erving Center WWTP (formerly known as Erving Paper Company), Erving.	18.5 miles	-Priority organics -Metals -Nutrients -Pathogens
Millers River (3522150)	MA35-05_2004	Erving Center WWTP (formerly known as Erving Paper Company), Erving to confluence with Connecticut River, Erving.	9.2 miles	-Priority organics -Metals
Millers River (3522150)	MA35-20_2004	Outlet of Sunset Lake, Ashburnham to inlet of Whitney Pond, Winchendon.	6.4 miles	-Metals
Mormon Hollow Brook (3522225)	MA35-15_2004	Headwaters just north of Montague Road, Wendell to confluence with Millers River, Wendell.	3.9 miles	-Priority organics -Metals
North Branch Millers River (3524300)	MA35-21_2004	Outlet of Lake Mononomac, Winchendon to inlet of Whitney Pond, Winchendon	2.0 miles	-Metals
Otter River (3523800)	MA35-06_2004	Source, Hubbardston (north of Pitcherville Road) to Gardner WWTP, Gardner/Templeton.	4.3 miles	-Priority organics -Metals
Otter River (3523800)	MA35-07_2004	Gardner WWTP, Gardner/Templeton to Seaman Paper Dam, Templeton.	4.4 miles	-Priority organics -Metals -Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Turbidity
Otter River (3523800)	MA35-08_2004	Seaman Paper Dam, Templeton to confluence with Millers River, Winchendon.	5.5 miles	-Priority organics -Metals -Nutrients -Organic enrichment/Low DO -Salinity/TDS/chlorides -(Other habitat alterations*) -Pathogens -Taste, odor and color -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Priest Brook (3524150)	MA35-10_2004	Headwaters at the confluence of Towne and Scott Brooks, Royalston to the confluence with the Millers River, Winchendon. (According to SARIS includes lower portion of Scott Brook.)	6.8 miles	-Priority organics -Metals
Lake Rohunta (35070)	MA35070_2004	(Middle Basin) Athol/Orange/New Salem	209 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Lake Rohunta (35106)	MA35106_2004	(North Basin) Athol/Orange	34.4 acres	-Metals -(Exotic species*)
Lake Rohunta (35107)	MA35107_2004	(South Basin) New Salem	41.6 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Tully River (3523150)	MA35-14_2004	Confluence East and West Branches Tully River, Orange/Athol to confluence with Millers River, Athol.	1.6 miles	-Priority organics -Metals
Upper Naukeag Lake (35090)	MA35090_2004	Ashburnham	305 acres	-Metals
Upper Reservoir (35091)	MA35091_2004	Westminster	41.6 acres	-Metals
West Branch Tully River (3523175)	MA35-11_2004	Outlet Sheomet Lake, Warwick to confluence with East Branch Tully River forming headwaters Tully River, Orange/Athol.	6.6 miles	-Priority organics -Metals
Whetstone Brook (3522450)	MA35-18_2004	Headwaters northeast of Orcutt Hill near New Salem Rd, Wendell to confluence with Millers River, Wendell.	4.9 miles	-Priority organics -Metals
Whitney Pond (35101)	MA35101_2004	Winchendon	96.8 acres	-Metals -Noxious aquatic plants [2/5/2003-CN123.2] -Turbidity [2/5/2003-CN123.2]
<b>Mount Hope Bay (Shore)</b>				
Cole River (6134550)	MA61-04_2004	Route 6 to the mouth at Mount Hope Bay at old railway grade, Swansea.	0.31 sq mi	-Nutrients -Organic enrichment/Low DO -Pathogens
Kickamuit River (6134500)	MA61-08_2004	Outlet Warren Reservoir, Swansea, to Rhode Island line, Swansea, MA/Warren, RI.	2.8 miles	-Pathogens
Lee River (6134575)	MA61-01_2004	From confluence with Lewin Brook, Swansea to Route 6, Swansea/Somerset.	0.53 miles	-Nutrients -Organic enrichment/Low DO -Pathogens
Lee River (6134575)	MA61-02_2004	Route 6, Swansea/Somerset to mouth at Mount Hope Bay, Swansea/Somerset.	0.51 sq mi	-Pathogens -Taste, odor and color -Noxious aquatic plants -(Objectionable deposits*)
Lewin Brook Pond (61011)	MA61011_2004	Swansea	11.4 acres	-Metals
Mount Hope Bay (61901)	MA61-06_2004	the Massachusetts portion from the Braga Bridge, Fall River/Somerset to the MA/RI border Fall River, MA/Tiverton, RI to the line from Braton Point Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI.	2.3 sq mi	-Unknown toxicity -Nutrients -Organic enrichment/Low DO -Thermal modifications -Pathogens



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Mount Hope Bay (61901)	MA61-07_2004	the Massachusetts portion from mouth of Cole River (at old railroad grade), Swansea to MA/RI border Swansea, MA/Warren, RI to the line from Brayton Point, Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI to the line between Bay Point, Swansea and Brayton Point, Somerset (the mouth of the Lee River).	1.8 sq mi	-Unknown toxicity -Nutrients -Organic enrichment/Low DO -Thermal modifications -Pathogens
North Watuppa Lake (61004)	MA61004_2004	Fall River	1730 acres	-Metals
<b>Narragansett Bay (Shore)</b>				
Burrs Pond (53001)	MA53001_2004	Seekonk	2.7 acres	-Metals
Palmer River (5334050)	MA53-03_2004	From Route 6 bridge, Rehoboth to State Line, Swansea.	0.11 sq mi	-Pathogens
Palmer River (5334050)	MA53-04_2004	From confluence of East and West Branches of the Palmer River to the Shad Factory Pond dam, Rehoboth.	5.3 miles	-Nutrients -(Flow alteration*) -Pathogens
Palmer River (5334050)	MA53-05_2004	From the Shad Factory Pond Dam to the route 6 bridge, Rehoboth.	0.08 sq mi	-Pathogens
Runnins River (5334025)	MA53-01_2004	Route 44 to Mobile Dam, Seekonk.	3.7 miles	-Cause Unknown -Metals -Nutrients -Organic enrichment/Low DO -Pathogens -Oil and grease -(Objectionable deposits*)
Warren River Pond (53008)	MA53-06_2004	Salt Pond in Swansea on MA/RI border.	0.06 sq mi	-Pathogens
<b>Nashua</b>				
Bare Hill Pond (81007)	MA81007_2004	Harvard	311 acres	-Metals -Noxious aquatic plants [11/2/1999-CN014.0] -(Exotic species*)
Chaffins Brook (8145450)	MA81-33_2004	Headwaters south of Malden Street/west of Wachusett Street, Holden to inlet of Unionville Pond, Holden.	0.91 miles	-Cause Unknown
East Wachusett Brook (8145875)	MA81-30_2004	Headwaters northeast of Little Wachusett Mountain, Princeton to confluence with Stillwater River, Sterling.	5.5 miles	-Pathogens
Fort Pond (81046)	MA81046_2004	Lancaster	76.1 acres	-Nutrients
Gates Brook (8145250)	MA81-24_2004	Headwaters west of Prospect Street, West Boylston to inlet Wachusett Reservoir (Gates Cove), West Boylston.	3.4 miles	-Cause Unknown -Pathogens
Grove Pond (81053)	MA81053_2004	Ayer	67.4 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Hickory Hills Lake (81031)	MA81031_2004	Lunenburg	310 acres	-Metals
Malagasco Brook (8145200)	MA81-29_2004	Headwaters southwest of Apron Hill through Pine Swamp to the inlet of Wachusett Reservoir (South Bay), Boylston.	2.4 miles	-Cause Unknown -Organic enrichment/Low DO -Pathogens
Mirror Lake (81085)	MA81085_2004	Harvard	27.6 acres	-Metals
Muddy Brook (8145225)	MA81-28_2004	Headwaters west of Shrewsbury Street to inlet of Wachusett Reservoir (South Bay), West Boylston.	0.78 miles	-Cause Unknown



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Nashua River (8143500)	MA81-05_2004	Confluence with North Nashua River, Lancaster to confluence with Squannacook River, Shirley/Groton/Ayer.	14.2 miles	-Cause Unknown -Unknown toxicity -Metals -Nutrients -Pathogens -Taste, odor and color -Turbidity
Nashua River (8143500)	MA81-06_2004	Confluence with Squannacook River, Shirley/Groton/Ayer to Pepperell Dam, Pepperell.	9.5 miles	-Cause Unknown -Metals -Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Nashua River (8143500)	MA81-07_2004	Pepperell Dam, Pepperell to New Hampshire state line, Pepperell/Dunstable.	3.7 miles	-Cause Unknown -Nutrients -Pathogens -Turbidity
Nashua River (8143500)	MA81-08_2004	("South Branch" Nashua River) Outlet Lancaster Millpond to Clinton WWTP, Clinton.	2.9 miles	-Cause Unknown -Unknown toxicity -Pathogens
Nashua River (8143500)	MA81-09_2004	("South Branch" Nashua River) Clinton WWTP Clinton to confluence with North Nashua River, Lancaster.	1.7 miles	-Cause Unknown -Nutrients -Pathogens -(Objectionable deposits*)
Nissitissit River (8143575)	MA81-21_2004	New Hampshire state line to confluence with Nashua River, Pepperell.	4.6 miles	-Cause Unknown
North Nashua River (8144650)	MA81-01_2004	Outlet Snows Millpond to Fitchburg Paper Company Dam #1, Fitchburg.	1.7 miles	-Cause Unknown -(Other habitat alterations*) -Pathogens
North Nashua River (8144650)	MA81-02_2004	Fitchburg Paper Company Dam #1 to Fitchburg East WWTP outfall, Fitchburg.	6.9 miles	-Cause Unknown -Unknown toxicity -Pathogens -Taste, odor and color -(Objectionable deposits*)
North Nashua River (8144650)	MA81-03_2004	Fitchburg East WWTP outfall, Fitchburg to Leominster WWTP outfall, Leominster.	1.6 miles	-Cause Unknown -Unknown toxicity -Pathogens -Taste, odor and color -Turbidity
North Nashua River (8144650)	MA81-04_2004	Leominster WWTP Leominster to confluence with Nashua River, Lancaster.	10.4 miles	-Cause Unknown -Pathogens -Taste, odor and color -Turbidity
Partridge Pond (81098)	MA81098_2004	Westminster	25.2 acres	-Noxious aquatic plants -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Pepperell Pond (81167)	MA81167_2004	Pepperell	297 acres	-Metals -Nutrients -Noxious aquatic plants -Turbidity -(Exotic species*)
Plow Shop Pond (81103)	MA81103_2004	Ayer	28.7 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Scarletts Brook (8145275)	MA81-25_2004	Headwaters west of West Boylston Street (Route 12), West Boylston to confluence with Gates Brook, West Boylston.	0.48 miles	-Pathogens
Lake Shirley (81122)	MA81122_2004	Lunenburg	360 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Squannacook River (8143950)	MA81-19_2004	Hollingsworth and Vose WWTP, Groton/Shirley to confluence with Nashua River, Shirley/Groton/Ayer.	3.4 miles	-Cause Unknown
Unnamed Tributary (8145435)	MA81-35_2004	AKA-"Lower Chaffin Brook" - Outlet Unionville Pond to confluence with Quinepoxet River, Holden.	0.48 miles	-Cause Unknown -Organic enrichment/Low DO
Unnamed Tributary (Boylston Brook) (8145180)	MA81-34_2004	Unnamed tributary locally known as "Boylston Brook." Headwaters north of French Drive to the confluence with Potash Brook, Boylston.	0.53 miles	-Cause Unknown
Wachusett Reservoir (81147)	MA81147_2004	Boylston/West Boylston/Clinton/Sterling	3966 acres	-Metals
Lake Wampanoag (81151)	MA81151_2004	Ashburnham/Gardner	224 acres	-Metals
<b>North Coastal</b>				
Annisquam River (9354825)	MA93-12_2004	Gloucester Harbor to Ipswich Bay, Gloucester.	0.82 sq mi	-Pathogens
Bass River (9355175)	MA93-08_2004	Outlet of Shoe Pond north of Route 62 to confluence with Danvers River, Beverly.	0.12 sq mi	-Pathogens
Beaver Brook (9355300)	MA93-37_2004	Headwaters at wetland west of Dayton Street in Danvers to confluence with Crane River at Mill Pond in Danvers.	2.6 miles	-Organic enrichment/Low DO -Pathogens
Beaverdam Brook (9355700)	MA93-30_2004	Headwaters west of Main Street, Lynnfield to confluence with Saugus River, Lynnfield.	1.5 miles	-Organic enrichment/Low DO -Pathogens
Beverly Harbor (93905)	MA93-20_2004		0.82 sq mi	-Pathogens
Cape Pond (93011)	MA93011_2004	Rockport	42.3 acres	-Turbidity
Cat Brook (9355050)	MA93-29_2004	Headwaters north of Route 128 Manchester/Essex/Gloucester to confluence Manchester Harbor, Manchester.	1.7 miles	-pH -Siltation -Pathogens
Coy Pond (93016)	MA93016_2004	Wenham	23.2 acres	-Noxious aquatic plants -Turbidity
Crane Brook (9355325)	MA93-02_2004	Headwaters west of Newburyport Turnpike (Route 95) to inlet Mill Pond, Danvers.	2.4 miles	-Unionized Ammonia -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Suspended solids -Turbidity
Crane River (9355275)	MA93-38_2004	Outlet Mill Pond, Danvers to outlet of pump house sluiceway at Purchase Street, Danvers.	0.34 miles	-Pathogens -Turbidity

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Crane River (9355275)	MA93-41_2004	Outlet pump house sluiceway at Purchase Street, Danvers to confluence Danvers River, Danvers.	0.07 sq mi	-Pathogens
Danvers River (9355200)	MA93-09_2004	Confluence with Porter, Crane and Waters rivers, Danvers to mouth at Beverly Harbor, Beverly/Salem.	0.53 sq mi	-Pathogens
Essex Bay (93901)	MA93-16_2004		1.1 sq mi	-Pathogens
Essex River (9354625)	MA93-11_2004	Source east of Southern Avenue to mouth at Essex Bay, Essex.	0.53 sq mi	-Pathogens
Flax Pond (93023)	MA93023_2004	Lynn	55.4 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Floating Bridge Pond (93024)	MA93024_2004	Lynn	11.9 acres	-Nutrients -Noxious aquatic plants -Turbidity
Forest River (9355500)	MA93-10_2004	Approximately 1/2 mile upstream of Loring Avenue, Salem to mouth at Salem Harbor, Salem/Marblehead.	0.02 sq mi	-Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens
Frost Fish Brook (9355250)	MA93-36_2004	Headwaters, southeast of Danvers locality of Putnamville to confluence Porter River just south of Route 62, Danvers.	1.0 miles	-Pathogens
Gloucester Harbor (93903)	MA93-18_2004		2.3 sq mi	-Pathogens
Goldthwait Brook (9355450)	MA93-05_2004	Outlet Cedar Pond to confluence with Proctor Brook, Peabody.	2.8 miles	-Cause Unknown -Unknown toxicity -Unionized Ammonia -Nutrients -Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens -Noxious aquatic plants
Hawkes Brook (9355650)	MA93-32_2004	Headwaters at the Lynn/Lynnfield border to the outlet of Hawkes Pond in North Saugus.	3.7 miles	-Pathogens
Hawkes Brook (9355650)	MA93-33_2004	Outlet of Hawkes Pond, North Saugus to confluence with Saugus River, Saugus.	1.1 miles	-Pathogens
Hawkes Pond (93032)	MA93032_2004	Lynnfield	64.5 acres	-Turbidity
Lily Pond (93039)	MA93039_2004	Gloucester	23.3 acres	-Noxious aquatic plants -Turbidity
Lynn Harbor (93909)	MA93-23_2004		6.8 sq mi	-Pathogens
Manchester Harbor (93904)	MA93-19_2004		0.30 sq mi	-Pathogens
Marblehead Harbor (93908)	MA93-22_2004		0.56 sq mi	-Pathogens
Mill River (9354850)	MA93-28_2004	Outlet Mill Pond, Gloucester to confluence with Annisquam River, Gloucester.	0.10 sq mi	-Pathogens
Mill River (9355675)	MA93-31_2004	From headwaters in wetlands north of Salem Street in Wakefield to confluence with Saugus River, Wakefield.	2.0 miles	-Organic enrichment/Low DO -Pathogens -Suspended solids -Turbidity
Nahant Bay (93910)	MA93-24_2004		5.0 sq mi	-Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
North River (9355375)	MA93-42_2004	Downstream of Route 114 bridge (Proctor Brook becomes North River at this bridge), Peabody to confluence with Danvers River, Salem.	0.15 sq mi	-Unionized Ammonia -Organic enrichment/Low DO -Pathogens
Pillings Pond (93056)	MA93056_2004	Lynnfield	90.3 acres	-Noxious aquatic plants -Turbidity
Pines River (9355725)	MA93-15_2004	Route 1, Revere/Saugus to mouth at Lynn Harbor, Saugus/Revere.	0.61 sq mi	-Pathogens
Porter River (9355225)	MA93-04_2004	Confluence with Frost Fish Brook to confluence with Danvers River, Danvers.	0.13 sq mi	-Siltation -Pathogens -Noxious aquatic plants -Turbidity
Proctor Brook (9355400)	MA93-39_2004	Outlet of small pond in wetland north of Downing Road, Peabody to Goodhue Street bridge, Salem.	2.2 miles	-Cause Unknown -Nutrients -Siltation -(Other habitat alterations*) -Pathogens
Proctor Brook (9355400)	MA93-40_2004	Goodhue Street bridge, Salem to Route 114 culvert, Salem.	0.003 sq mi	-Pathogens
Lake Quannapowitt (93060)	MA93060_2004	Wakefield	246 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Rockport Harbor (93902)	MA93-17_2004		0.02 sq mi	-Pathogens
Salem Harbor (93906)	MA93-21_2004		1.7 sq mi	-Pathogens
Salem Sound (93907)	MA93-25_2004		10.0 sq mi	-Pathogens
Saugus River (9355550)	MA93-14_2004	Saugus Iron Works, Saugus, to the mouth at Lynn Harbor, Lynn/Salem.	0.32 sq mi	-Thermal modifications -(Flow alteration*) -Pathogens -Oil and grease
Saugus River (9355550)	MA93-34_2004	Source, outlet of Lake Quannapowitt, Wakefield to canal which discharges to Hawkes Pond, Wakefield/Lynnfield.	3.2 miles	-Nutrients -(Flow alteration*) -(Other habitat alterations*) -Pathogens -Noxious aquatic plants -Turbidity
Saugus River (9355550)	MA93-35_2004	Canal which discharges into Hawkes Pond, Wakefield/Lynnfield to Saugus Iron Works, Saugus.	5.3 miles	-Organic enrichment/Low DO -(Flow alteration*) -(Other habitat alterations*) -Pathogens
Shoe Pond (93068)	MA93068_2004	Beverly	15.4 acres	-Turbidity
Strangman Pond (93076)	MA93076_2004	Gloucester	3.3 acres	-Noxious aquatic plants -Turbidity
Upper Banjo Pond (93080)	MA93080_2004	Gloucester	10.5 acres	-Noxious aquatic plants -Turbidity
Waters River (9355350)	MA93-01_2004	Headwaters north of Route 114, Peabody, to confluence with Danvers River, Danvers.	0.09 sq mi	-(Other habitat alterations*) -Pathogens
West Pond (93089)	MA93089_2004	Gloucester	7.1 acres	-Nutrients -Noxious aquatic plants

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
<b>Parker</b>				
Baldpate Pond (91001)	MA91001_2004	Boxford	59.4 acres	-Metals -Noxious aquatic plants
Eagle Hill River (9152550)	MA91-06_2004	Headwaters near Town Farm Road to the mouth at Plum Island Sound, Ipswich.	0.38 sq mi	-Pathogens
Egypt River (9152925)	MA91-14_2004	East of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich to confluence with Muddy Run and Rowley River, Rowley/Ipswich.	0.01 sq mi	-Pathogens
Little River (9153175)	MA91-11_2004	Parker Street, Newbury/Newburyport to confluence with Parker River, Newbury.	0.09 sq mi	-Pathogens
Lower Mill Pond (91008)	MA91008_2004	Rowley	9.9 acres	-Noxious aquatic plants -(Exotic species*)
Mill River (9153200)	MA91-08_2004	Headwaters - Outlet of small unnamed pond between Route 95 and Rowley Road, Boxford to Route 1, Rowley/Newbury.	7.0 miles	-Cause Unknown
Mill River (9153200)	MA91-09_2004	Route 1, Rowley?Newbury to confluence with Parker River, Newbury.	0.08 sq mi	-Pathogens
Paine Creek (9152625)	MA91-03_2004	Headwaters to confluence with Eagle Hill River, Ipswich.	0.08 sq mi	-Pathogens
Parker River (9153150)	MA91-01_2004	Source north of Silver Mine Road, Boxford to Central Street, Newbury.	14.1 miles	-Metals -(Flow alteration*)
Parker River (9153150)	MA91-02_2004	Central Street to mouth at Plum Island Sound, Newbury.	0.61 sq mi	-Pathogens
Pentucket Pond (91010)	MA91010_2004	Georgetown	92.4 acres	-Metals -Pathogens -(Exotic species*)
Plum Island River (8450000)	MA91-15_2004	From "high sandy" sandbar just north of the confluence with Pine Island Creek, Newbury to confluence with Plum Island Sound, Newbury.	0.41 sq mi	-Pathogens
Plum Island Sound (91901)	MA91-12_2004	From the mouth of both the Parker River and Plum Island River, Newbury to the Atlantic Ocean, Ipswich (Includes Ipswich Bay).	4.5 sq mi	-Pathogens
Rock Pond (91012)	MA91012_2004	Georgetown	48.6 acres	-Metals
Rowley River (9152800)	MA91-05_2004	Confluence with Egypt River to mouth at Plum Island Sound, Rowley/Ipswich.	0.28 sq mi	-Pathogens
<b>Quinebaug</b>				
Alum Pond (41001)	MA41001_2004	Sturbridge	198 acres	-Organic enrichment/Low DO
Cady Brook (4129125)	MA41-05_2004	Outlet of Glen Echo Lake to Charlton City WWTP, Charlton.	1.3 miles	-(Flow alteration*) -Pathogens
Cady Brook (4129125)	MA41-06_2004	Charlton City WWTP, Charlton to confluence with Quinebaug River, Southbridge.	5.3 miles	-Nutrients -Organic enrichment/Low DO -(Flow alteration*) -Taste, odor and color
East Brimfield Reservoir (41014)	MA41014_2004	Brimfield	314 acres	-Metals -(Exotic species*)
Glen Echo Lake (41017)	MA41017_2004	Charlton	115 acres	-Organic enrichment/Low DO
Holland Pond (41022)	MA41022_2004	Holland	66.2 acres	-Metals
Mill Brook (4129300)	MA41-07_2004	From dam at Mill Road to confluence with Quinebaug River, Brimfield.	4.1 miles	-Pathogens
Morse Pond (41033)	MA41033_2004	Southbridge	41.4 acres	-Organic enrichment/Low DO -Noxious aquatic plants
Pistol Pond (41057)	MA41057_2004	Sturbridge	5.3 acres	-Noxious aquatic plants
Quinebaug River (4128875)	MA41-01_2004	Outlet Hamilton Reservoir, Holland, to Sturbridge WWTP, Sturbridge.	9.8 miles	-Metals -Pathogens

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Quinebaug River (4128875)	MA41-03_2004	Southbridge WWTP, Southbridge to West Dudley Impoundment, Dudley.	2.2 miles	-Nutrients -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Taste, odor and color -(Objectionable deposits*)
Quinebaug River (4128875)	MA41-04_2004	West Dudley Impoundment to Connecticut state line, Dudley.	2.2 miles	-Pathogens
Quinebaug River (4128875)	MA41-09_2004	Confluence with Cady Brook to Southbridge WWTP in Southbridge.	1.3 miles	-Organic enrichment/Low DO -(Other habitat alterations*) -Turbidity -(Objectionable deposits*)
Sibley Pond (41047)	MA41047_2004	Charlton	22.0 acres	-Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Sibley Pond (41048)	MA41048_2004	Charlton	18.7 acres	-Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Wielock Pond (41056)	MA41056_2004	Dudley	6.1 acres	-Turbidity
<b>Shawsheen</b>				
Ames Pond (83001)	MA83001_2004	Tewksbury	76.5 acres	-Metals
Ballardvale Impoundment (83011)	MA83011_2004	Andover (Lowell Junction Pond)	35.3 acres	-Metals -Noxious aquatic plants -(Exotic species*)
Butterfield Pond (83003)	MA83003_2004	Burlington/Lexington	3.0 acres	-Noxious aquatic plants -Turbidity
Elm Brook (8349375)	MA83-05_2004	Headwaters, Lincoln to confluence with Shawsheen River, Bedford.	5.0 miles	-(Other habitat alterations*) -Pathogens [9/12/2002-CN122.0] -Turbidity
Fosters Pond (83005)	MA83005_2004	Andover/Wilmington	109 acres	-Metals -Organic enrichment/Low DO -(Exotic species*)
Hussey Pond (83009)	MA83009_2004	Andover	1.4 acres	-Noxious aquatic plants
Long Pond (83010)	MA83010_2004	Tewksbury	42.5 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity
Pomps Pond (83014)	MA83014_2004	Andover	24.6 acres	-Metals -(Exotic species*)
Rabbit Pond (83015)	MA83015_2004	Andover	1.9 acres	-Turbidity
Rogers Brook (8349050)	MA83-04_2004	From outlet of unnamed impoundment upstream of Morton Street, Andover (Prior to 1997 cycle listed as "Headwaters Billerica...") to confluence with Shawsheen River, Andover.	1.3 miles	-(Other habitat alterations*) -Pathogens [9/12/2002-CN122.0] -Turbidity
Shawsheen River (8349000)	MA83-01_2004	Summer Street (historically listed as Maguire Road) to confluence with Spring Brook, Bedford.	1.6 miles	-Organic enrichment/Low DO -Pathogens [9/12/2002-CN122.0]
Shawsheen River (8349000)	MA83-08_2004	Headwater, north of Folly Pond and North Great Road, Lincoln to Summer Street, Bedford.	2.1 miles	-Other habitat alterations -Pathogens [9/12/2002-CN122.0]

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Shawsheen River (8349000)	MA83-17_2004	Confluence with Spring Brook, Bedford to the Burlington Water Department's surface water intake, Billerica. (Formerly part of segment MA83-02, changed for 2004 cycle)	5.7 miles	-Organic enrichment/Low DO -Pathogens [9/12/2002-CN122.0]
Shawsheen River (8349000)	MA83-18_2004	Burlington Water Department's surface water intake, Billerica to the Ballardvale Impoundment dam, Andover. (Formerly part of segment MA83-02, changed for 2004 cycle)	10.1 miles	-Metals -Organic enrichment/Low DO -Pathogens [9/12/2002-CN122.0]
Shawsheen River (8349000)	MA83-19_2004	Outlet of Ballardvale Impoundment, Andover to the confluence with the Merrimack River, Lawrence. (Formerly part of segment MA83-02 and all of MA83-03, changed for 2004 cycle)	8.6 miles	-Organic enrichment/Low DO -Pathogens [9/12/2002-CN122.0]
<b>South Coastal</b>				
Aaron River Reservoir (94178)	MA94178_2004	Cohasset	136 acres	-Metals
Billington Sea (94007)	MA94007_2004	Plymouth	263 acres	-Noxious aquatic plants -Turbidity
Cohasset Harbor (94901)	MA94-01_2004		0.69 sq mi	-Pathogens
Crossman Pond (94032)	MA94032_2004	Kingston	12.7 acres	-Noxious aquatic plants
Drinkwater River (9456900)	MA94-21_2004	Source at Whiting Street and Hanover High School through Forge Pond to inlet Factory Pond, Hanover.	4.9 miles	-Metals
Duxbury Bay (94904)	MA94-15_2004		12.7 sq mi	-Pathogens
Factory Pond (94175)	MA94175_2004	Hanson/Hanover	51.4 acres	-Metals
Forge Pond (94037)	MA94037_2004	Hanover	15.9 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Foundry Pond (94038)	MA94038_2004	Kingston	7.2 acres	-Turbidity
French Stream (9456950)	MA94-03_2004	Headwaters on southeast side of Naval Air Station, Rockland through Studleys Pond to confluence with Drinkwater River, Hanover.	6.1 miles	-Unknown toxicity -Nutrients -Organic enrichment/Low DO -Pathogens
Furnace Pond (94043)	MA94043_2004	Pembroke	103 acres	-Organic enrichment/Low DO
Great Herring Pond (94050)	MA94050_2004	Bourne/Plymouth	415 acres	-Metals
Great South Pond (94054)	MA94054_2004	Plymouth	284 acres	-Metals
Green Harbor (94903)	MA94-11_2004		0.28 sq mi	-Pathogens
Herring River (9456350)	MA94-07_2004	Outlet Old Oaken Bucket Pond to confluence with North River.	0.08 sq mi	-Pathogens
Indian Head River (9456800)	MA94-04_2004	Outlet Factory Pond, Hanover/Hanson to Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke.	3.0 miles	-Metals -Nutrients -Organic enrichment/Low DO
Jones River (9457650)	MA94-14_2004	Elm Street, Kingston to mouth at Duxbury Bay, Kingston.	0.08 sq mi	-Pathogens
Musquashcut Pond (94105)	MA94105_2004	Scituate	69.8 acres	-Noxious aquatic plants
North River (9456250)	MA94-05_2004	Confluence of Indian Head River and Herring Brook, Hanover/Pembroke to Route 3A (Main Street), Marshfield/Scituate.	0.30 sq mi	-Pathogens
North River (9456250)	MA94-06_2004	Route 3A (Main Street), Marshfield/Scituate to mouth at Massachusetts Bay, Scituate.	0.37 sq mi	-Pathogens
Plymouth Bay (94906)	MA94-17_2004		10.4 sq mi	-Pathogens
Plymouth Harbor (94905)	MA94-16_2004		2.5 sq mi	-Pathogens



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Russell Millpond (94132)	MA94132_2004	Plymouth	41.8 acres	-Noxious aquatic plants
Scituate Harbor (94902)	MA94-02_2004		0.32 sq mi	-Pathogens
South River (9457075)	MA94-09_2004	Main Street, Marshfield to confluence with North River.	0.54 sq mi	-Pathogens
Torrey Pond (94157)	MA94157_2004	Norwell	18.7 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Wampatuck Pond (94168)	MA94168_2004	Hanson	62.9 acres	-Noxious aquatic plants
<b>Taunton</b>				
Ames Long Pond (62001)	MA62001_2004	Stoughton/Easton	87.7 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Assonet River (6235100)	MA62-20_2004	Route 24 bridge, Freetown to confluence with Taunton River, Freetown.	0.71 sq mi	-Pathogens
Big Bearhole Pond (62011)	MA62011_2004	Taunton	37.7 acres	-Organic enrichment/Low DO -(Exotic species*)
Cabot Pond (62029)	MA62029_2004	Mansfield	8.7 acres	-Pesticides
Cain Pond (62030)	MA62030_2004	Taunton	2.8 acres	-Organic enrichment/Low DO -Turbidity
Fulton Pond (62075)	MA62075_2004	Mansfield	9.3 acres	-Pesticides
Hobart Pond (62090)	MA62090_2004	Whitman	9.1 acres	-Turbidity -(Exotic species*)
Hodges Pond (62091)	MA62091_2004	(Kingman Pond) Mansfield	7.0 acres	-Pesticides
Island Grove Pond (62094)	MA62094_2004	Abington	30.8 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Matfield River (6236925)	MA62-32_2004	Confluence of Beaver Brook and Salisbury Plain River, East Bridgewater to confluence with Town River and Taunton River, Bridgewater.	6.7 miles	-Pathogens
Monponsett Pond (62119)	MA62119_2004	Halifax/Hanson	283 acres	-Turbidity -(Exotic species*)
Monponsett Pond (62218)	MA62218_2004	Halifax	245 acres	-Metals
Muddy Cove Brook Pond (62124)	MA62124_2004	Dighton	23.2 acres	-Noxious aquatic plants -Turbidity
Norton Reservoir (62134)	MA62134_2004	Norton/Mansfield	474 acres	-Pesticides -Nutrients -Noxious aquatic plants -Turbidity -(Exotic species*)
Rumford River (6235600)	MA62-15_2004	Outlet Gavins Pond, to confluence with Wading and Threemile Rivers, Norton.	13.5 miles	-Pesticides -Organic enrichment/Low DO -Pathogens
Salisbury Brook (6237275)	MA62-08_2004	Outlet Cross Pond to confluence with Trout Brook, Brockton.	2.5 miles	-Siltation -Pathogens
Salisbury Plain River (6237100)	MA62-05_2004	Confluence of Trout Brook and Salisbury Brook, Brockton to Brockton WWTP.	2.5 miles	-Siltation -(Other habitat alterations*) -Pathogens -Suspended solids



## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Salisbury Plain River (6237100)	MA62-06_2004	Brockton WWTP, Brockton to confluence with Beaver Brook and Matfield River, East Bridgewater.	2.2 miles	-Cause Unknown -Pathogens
Somerset Reservoir (62174)	MA62174_2004	Somerset	164 acres	-Metals
Stetson Pond (62182)	MA62182_2004	Pembroke	88.2 acres	-Nutrients -Organic enrichment/Low DO -(Exotic species*)
Taunton River (6235000)	MA62-02_2004	Route 24 Bridge, Taunton to Berkley Bridge, Dighton/Berkley.	0.29 sq mi	-Pathogens
Taunton River (6235000)	MA62-03_2004	Berkley Bridge, Dighton to Fall River/Freetown/Somerset boundary.	1.6 sq mi	-Organic enrichment/Low DO -Pathogens
Taunton River (6235000)	MA62-04_2004	Fall River/Freetown/Somerset boundary to mouth at Braga Bridge, Somerset/Fall River.	2.0 sq mi	-Organic enrichment/Low DO -Pathogens
Threemile River (6235350)	MA62-16_2004	Confluence of Wading and Rumford Rivers, Norton to confluence with Taunton River, Dighton.	13.4 miles	-Pathogens
Trout Brook (6237175)	MA62-07_2004	Source at confluence of two unnamed tributaries just west of Conrail line (near old drive in theater), Avon to confluence with Salisbury Plain River, Brockton.	3.4 miles	-Siltation -Organic enrichment/Low DO -Pathogens
Wading River (6235450)	MA62-17_2004	Source in wetland, north of West Street, Foxborough to confluence with Rumford River, Norton. (Viewing Arcview 1987 Wrentham quad it appears segment includes part of Cocasset River, Foxborough.)	12.7 miles	-Cause Unknown -Organic enrichment/Low DO -Pathogens
Watson Pond (62205)	MA62205_2004	Taunton	77.5 acres	-Nutrients -Organic enrichment/Low DO -Noxious aquatic plants -Turbidity -(Exotic species*)
Woods Pond (62220)	MA62220_2004	Middleborough	51.1 acres	-Turbidity -(Exotic species*)
<b>Ten Mile</b>				
Cargill Pond (52004)	MA52004_2004	Plainville	1.4 acres	-Noxious aquatic plants -Turbidity
Central Pond (52006)	MA52006_2004	Seekonk/Pawtucket,R.I./Providence,R.I.	135 acres	-Nutrients -Noxious aquatic plants
Coles Brook (5233650)	MA52-11_2004	Headwaters, Grassie Swamp west of Allens Lane, Rehoboth to inlet Central Pond, Seekonk,	4.2 miles	-(Flow alteration*) -Pathogens
Lake Como (52010)	MA52010_2004	Attleboro/N. Attleboro	4.7 acres	-Noxious aquatic plants -Turbidity -(Exotic species*)
Dodgeville Pond (52011)	MA52011_2004	Attleboro	37.4 acres	-Nutrients -Pathogens -Noxious aquatic plants -Turbidity
Falls Pond (52013)	MA52013_2004	North Attleboro	54.1 acres	-Nutrients -Noxious aquatic plants -Turbidity
Farmers Pond (52015)	MA52015_2004	Attleboro	9.3 acres	-Nutrients -Noxious aquatic plants
Fuller Pond (52016)	MA52016_2004	Plainville	5.6 acres	-Noxious aquatic plants

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Hebronville Pond (52020)	MA52020_2004	Attleboro	15.3 acres	-Noxious aquatic plants
James V. Turner Reservoir (52022)	MA52022_2004	Seekonk/E. Providence, R.I.	115 acres	-Nutrients -Noxious aquatic plants
Luther Reservoir (52025)	MA52025_2004	Attleboro/N. Attleboro	15.8 acres	-Turbidity
Mechanics Pond (52027)	MA52027_2004	Attleboro	23.7 acres	-Nutrients -Pathogens -Noxious aquatic plants
Plain Street Pond (52032)	MA52032_2004	Mansfield	8.3 acres	-Noxious aquatic plants -(Exotic species*)
Scotts Brook (5233775)	MA52-09_2004	Headwaters north of High Street to confluence Ten Mile River, North Attleboro.	2.1 miles	-(Flow alteration*)
Sevenmile River (5233675)	MA52-07_2004	Headwaters, outlet Hoppin Hill Reservoir, North Attleboro to outlet Orrs Pond, Attleboro.	3.4 miles	-Organic enrichment/Low DO -(Flow alteration*) -Pathogens
Sevenmile River (5233675)	MA52-08_2004	Outlet Orrs Pond, Attleboro to confluence with Ten Mile River, Pawtucket, Rhode Island.	3.4 miles	-Pathogens
Speedway Brook (5233725)	MA52-05_2004	(also known as Thatcher Brook) Headwaters to confluence with Ten Mile River, Attleboro.	0.74 miles	-Cause Unknown -Metals -Nutrients -Siltation -Organic enrichment/Low DO -(Other habitat alterations*) -Pathogens -Turbidity
Ten Mile River (5233625)	MA52-01_2004	Headwaters, outlet Cargill Pond to West Bacon Street, Plainville.	1.5 miles	-Cause Unknown -Metals
Ten Mile River (5233625)	MA52-02_2004	West Bacon Street, Plainville to North Attleboro WWTP, Attleboro.	6.0 miles	-Cause Unknown -Metals -Nutrients -Siltation -(Other habitat alterations*) -Pathogens -Noxious aquatic plants -Turbidity
Ten Mile River (5233625)	MA52-03_2004	North Attleboro WWTP, Attleboro to the MA/RI border near Central Avenue, Seekonk MA/Pawtucket RI.	9.1 miles	-Cause Unknown -Unknown toxicity -Metals -Nutrients -Organic enrichment/Low DO -Pathogens -Noxious aquatic plants
Wetherells Pond (52041)	MA52041_2004	Plainville	9.8 acres	-Noxious aquatic plants -Turbidity
<b>Westfield</b>				
Pequot Pond (32055)	MA32055_2004	Westfield/Southampton	155 acres	-Nutrients -Organic enrichment/Low DO -(Exotic species*)

## Massachusetts Category 5 Waters “Waters requiring a TMDL”

NAME	SEGMENT ID	DESCRIPTION	SIZE	POLLUTANT NEEDING TMDL [EPA APPROVAL DATE/DOCUMENT CONTROL NUMBER]
Powdermill Brook (3208575)	MA32-09_2004	Source, east of Pitcher Road, Montgomery to confluence with Westfield River, Westfield.	9.5 miles	-Siltation -Pathogens -Suspended solids -Turbidity
Windsor Pond (32076)	MA32076_2004	Windsor	46.6 acres	-Organic enrichment/Low DO -(Exotic species*)